FIG. 1

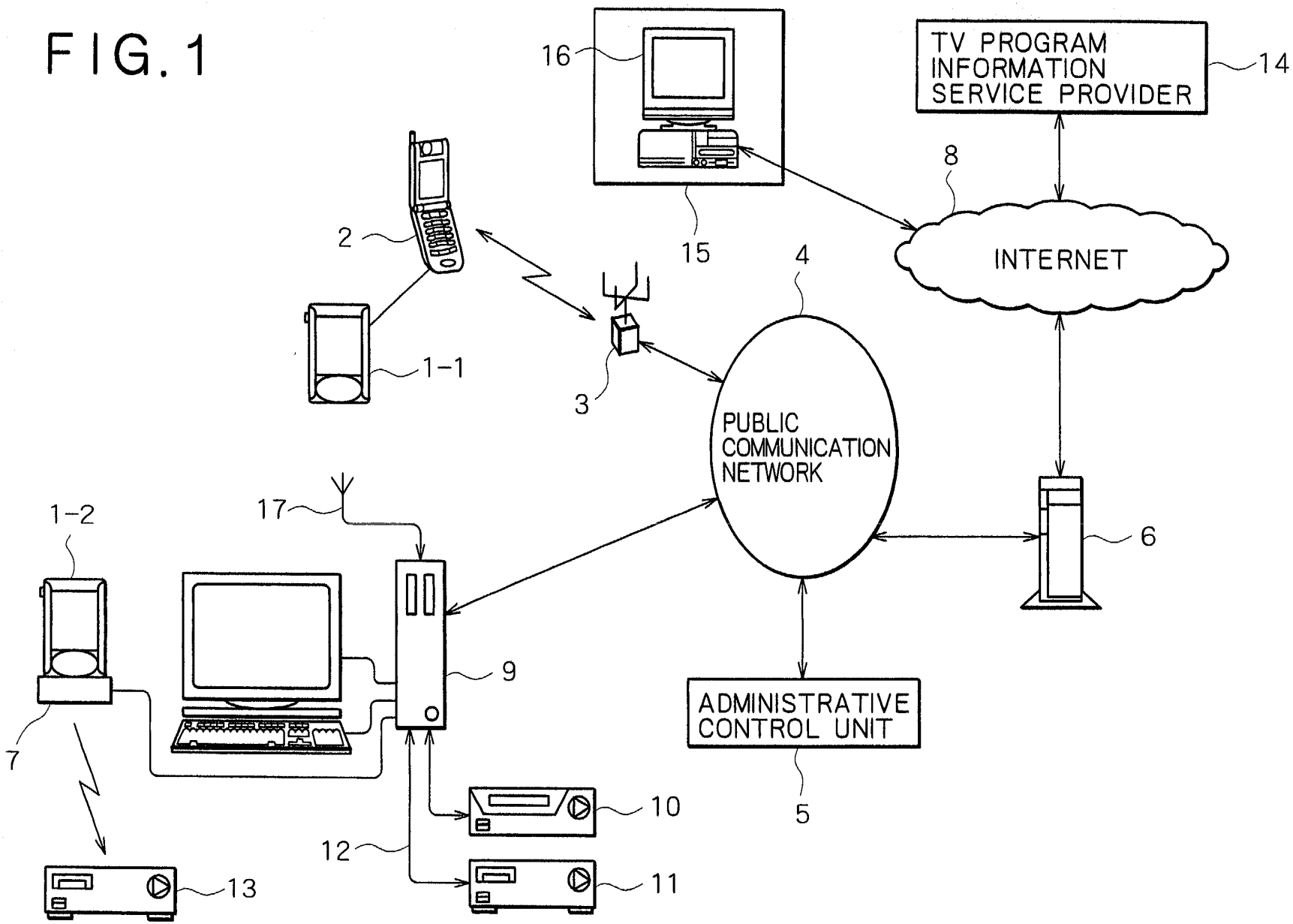

16
TV PROGRAM INFORMATION SERVICE PROVIDER
14
8
2
15
4
INTERNET
1-1
3
PUBLIC COMMUNICATION NETWORK
17
1-2
6
9
ADMINISTRATIVE CONTROL UNIT
7
10
5
12
13
11

FIG. 2

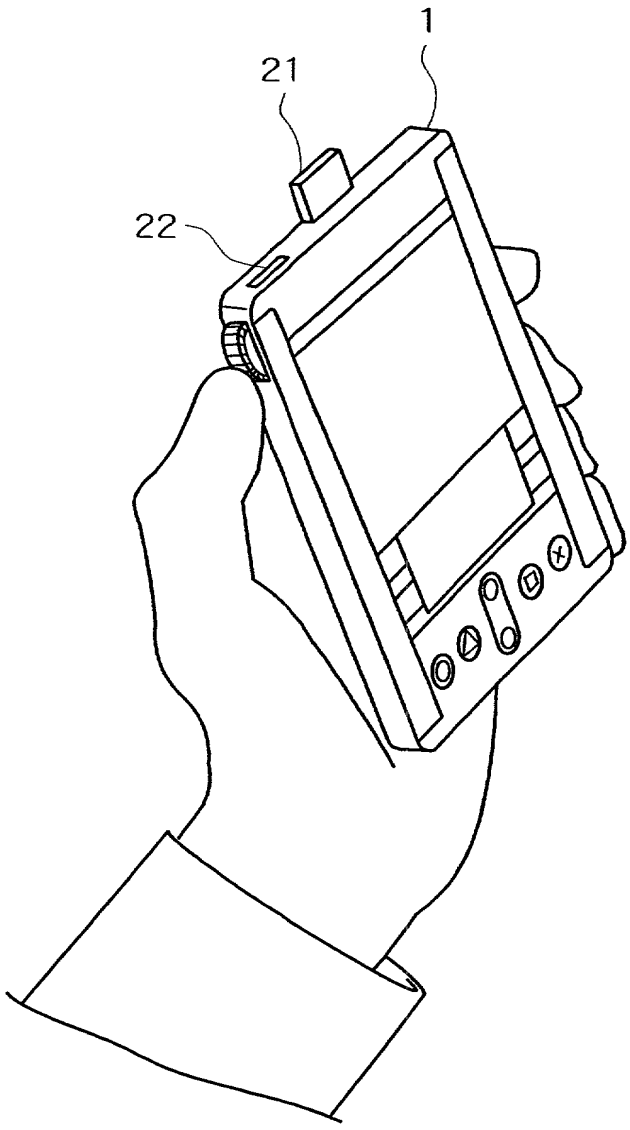
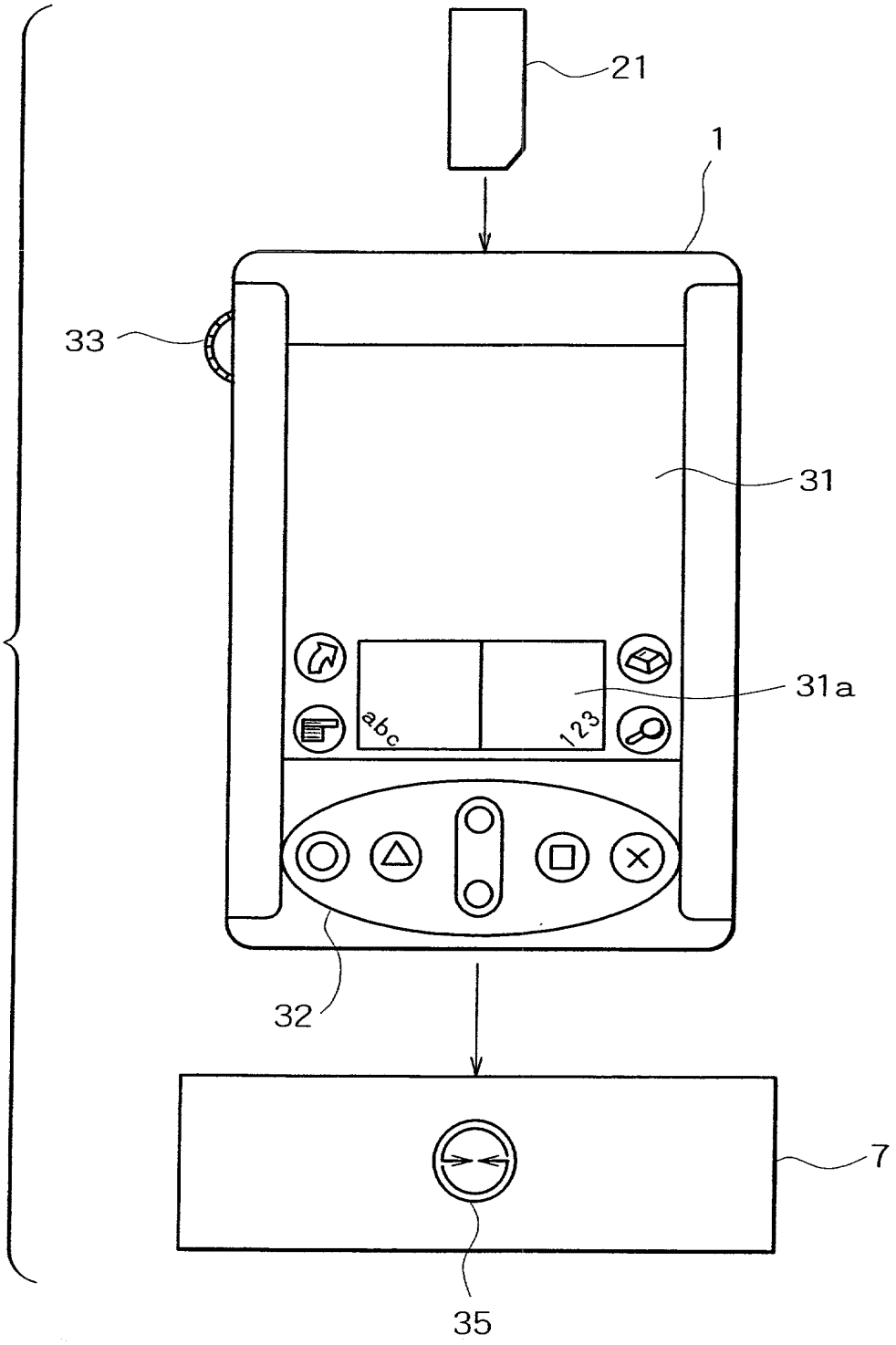


FIG. 3



SEARCH REPORT

FIG. 4

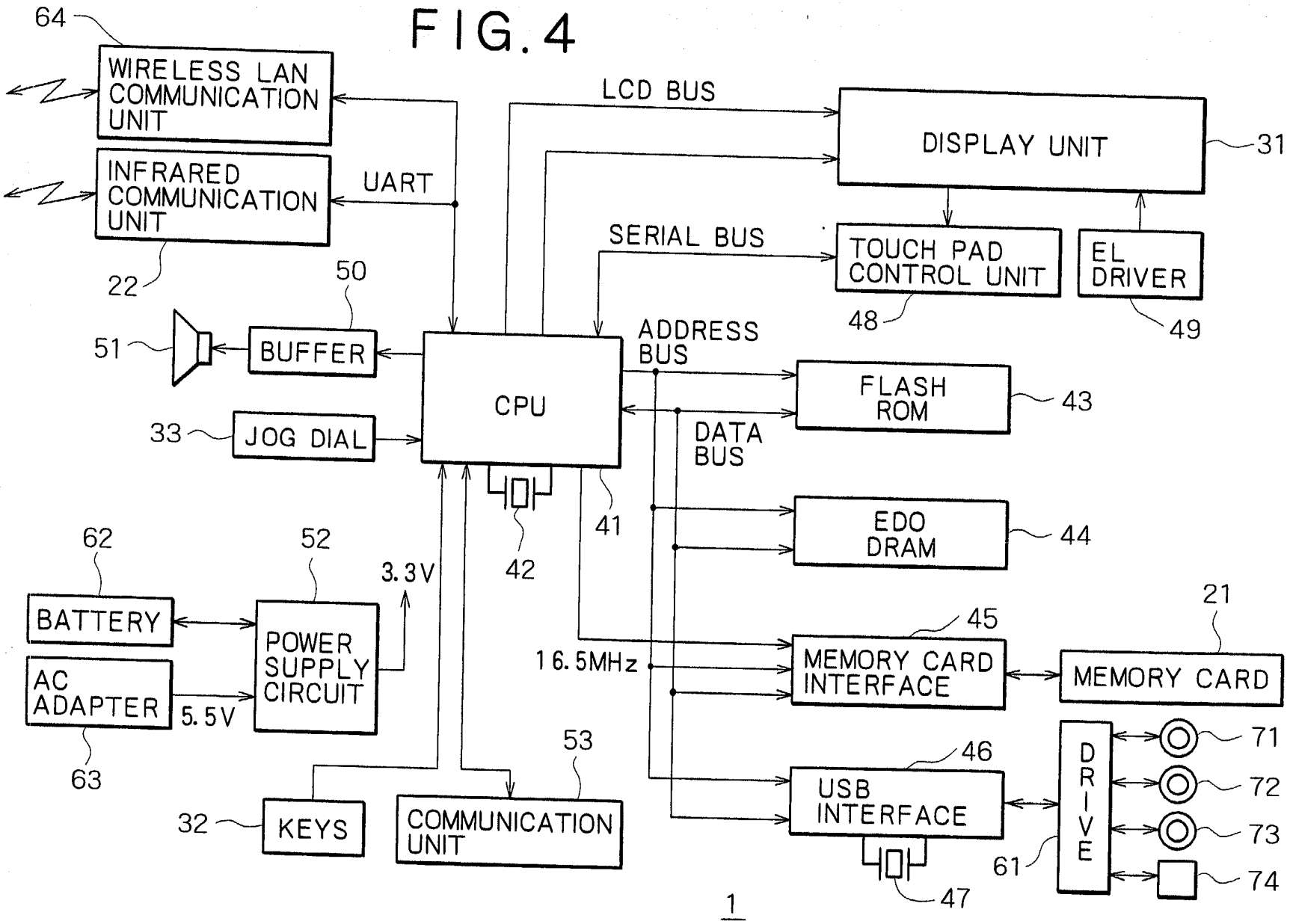


FIG. 5

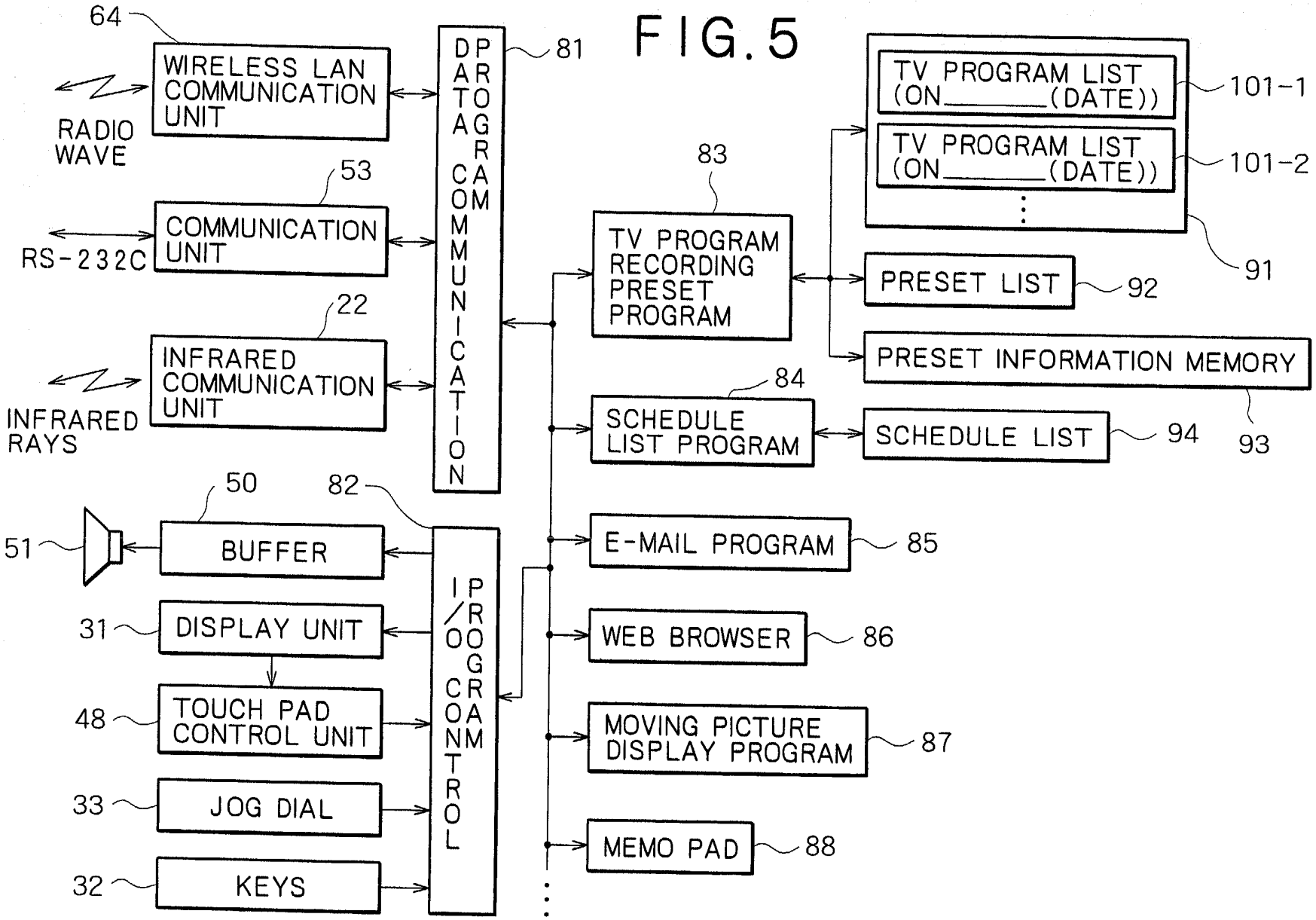
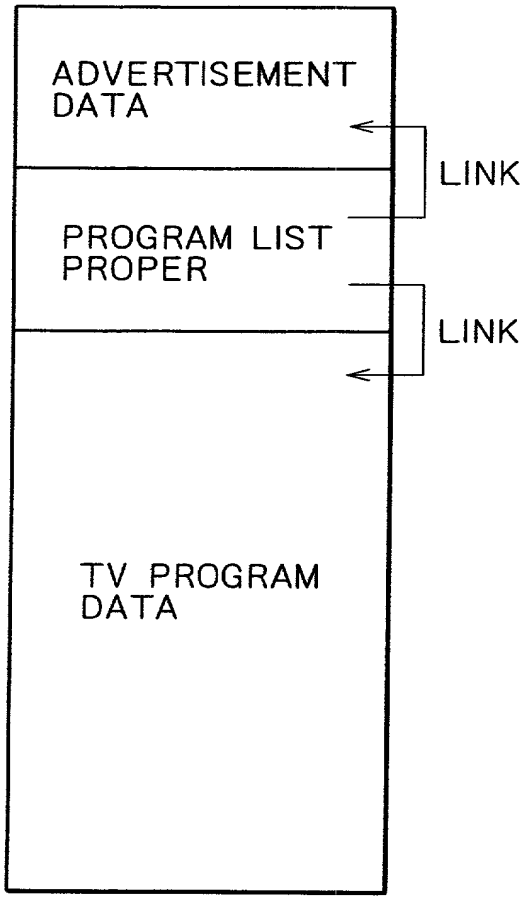

64
WIRELESS LAN COMMUNICATION UNIT
RADIO WAVE
53
COMMUNICATION UNIT
RS-232C
22
INFRARED COMMUNICATION UNIT
INFRARED RAYS
DATA COMMUNICATION PROGRAM
81
50
BUFFER
51
82
I/O CONTROL PROGRAM
31
DISPLAY UNIT
48
TOUCH PAD CONTROL UNIT
33
JOG DIAL
32
KEYS
83
TV PROGRAM RECORDING PRESET PROGRAM
84
SCHEDULE LIST PROGRAM
E-MAIL PROGRAM
85
WEB BROWSER
86
MOVING PICTURE DISPLAY PROGRAM
87
MEMO PAD
88
TV PROGRAM LIST (ON_____(DATE))
101-1
TV PROGRAM LIST (ON_____(DATE))
101-2
91
PRESET LIST
92
PRESET INFORMATION MEMORY
93
SCHEDULE LIST
94

FIG. 6


ADVERTISEMENT DATA
LINK
PROGRAM LIST PROPER
LINK
TV PROGRAM DATA

101

FIG. 7

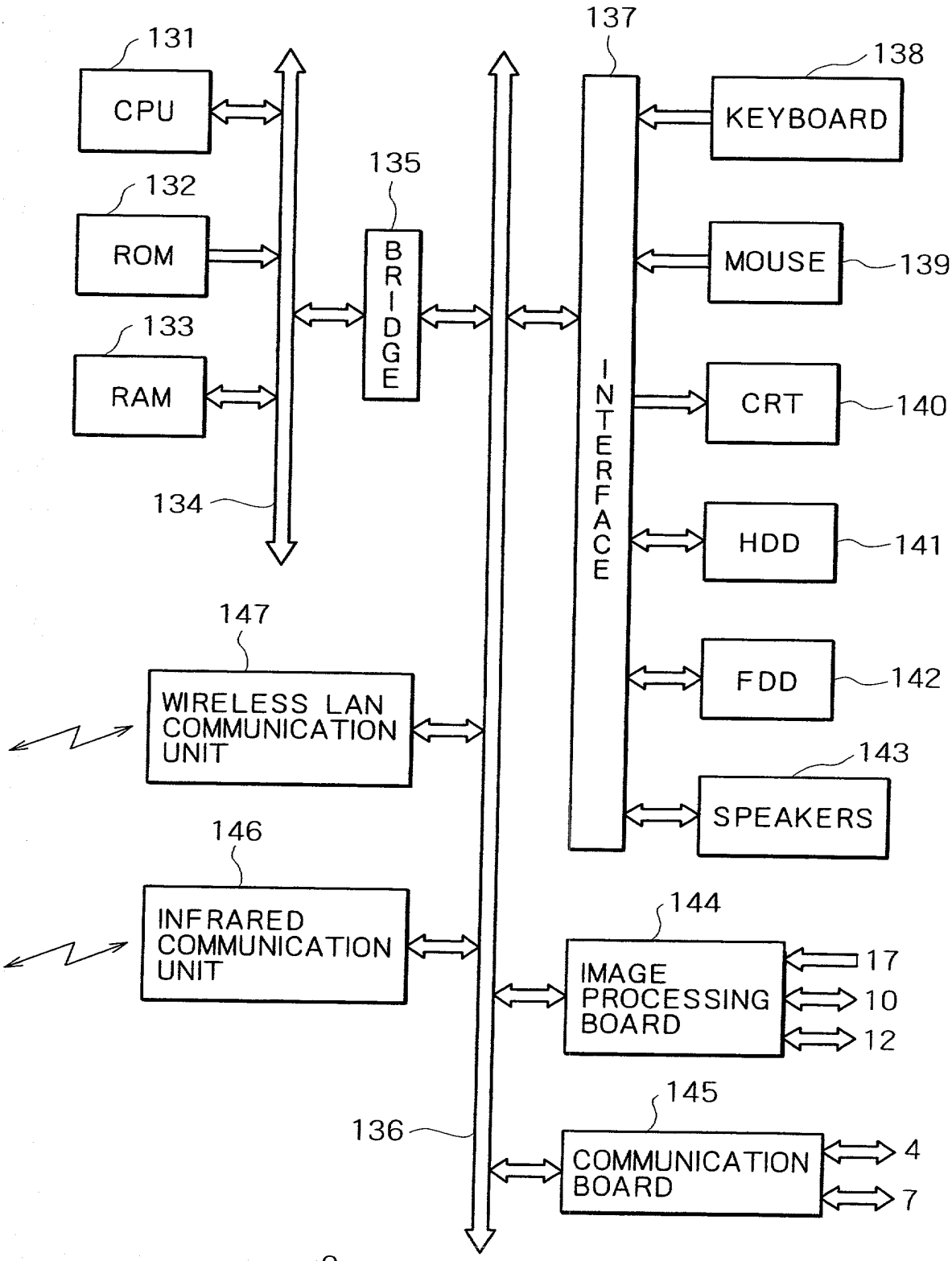
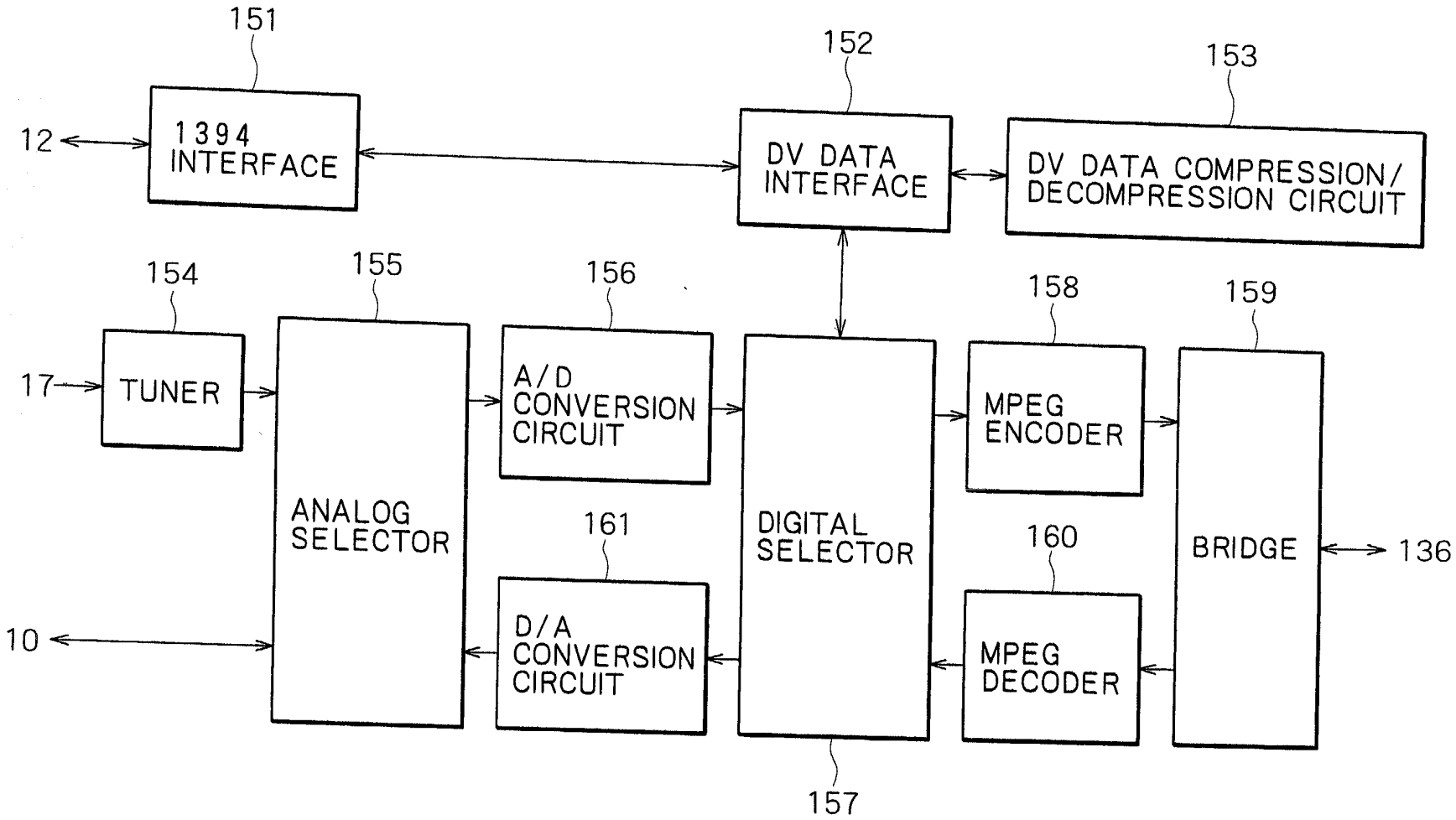

131
CPU
132
ROM
133
RAM
134
135
BRIDGE
136
137
INTERFACE
138
KEYBOARD
MOUSE
139
CRT
140
HDD
141
FDD
142
143
SPEAKERS
144
IMAGE PROCESSING BOARD
17
10
12
145
COMMUNICATION BOARD
4
7
146
INFRARED COMMUNICATION UNIT
147
WIRELESS LAN COMMUNICATION UNIT

FIG. 8


151
152
153
12
1394 INTERFACE
DV DATA INTERFACE
DV DATA COMPRESSION/ DECOMPRESSION CIRCUIT
154
155
156
158
159
17
TUNER
ANALOG SELECTOR
A/D CONVERSION CIRCUIT
DIGITAL SELECTOR
MPEG ENCODER
BRIDGE
136
161
160
10
D/A CONVERSION CIRCUIT
MPEG DECODER
157

144

FIG. 9

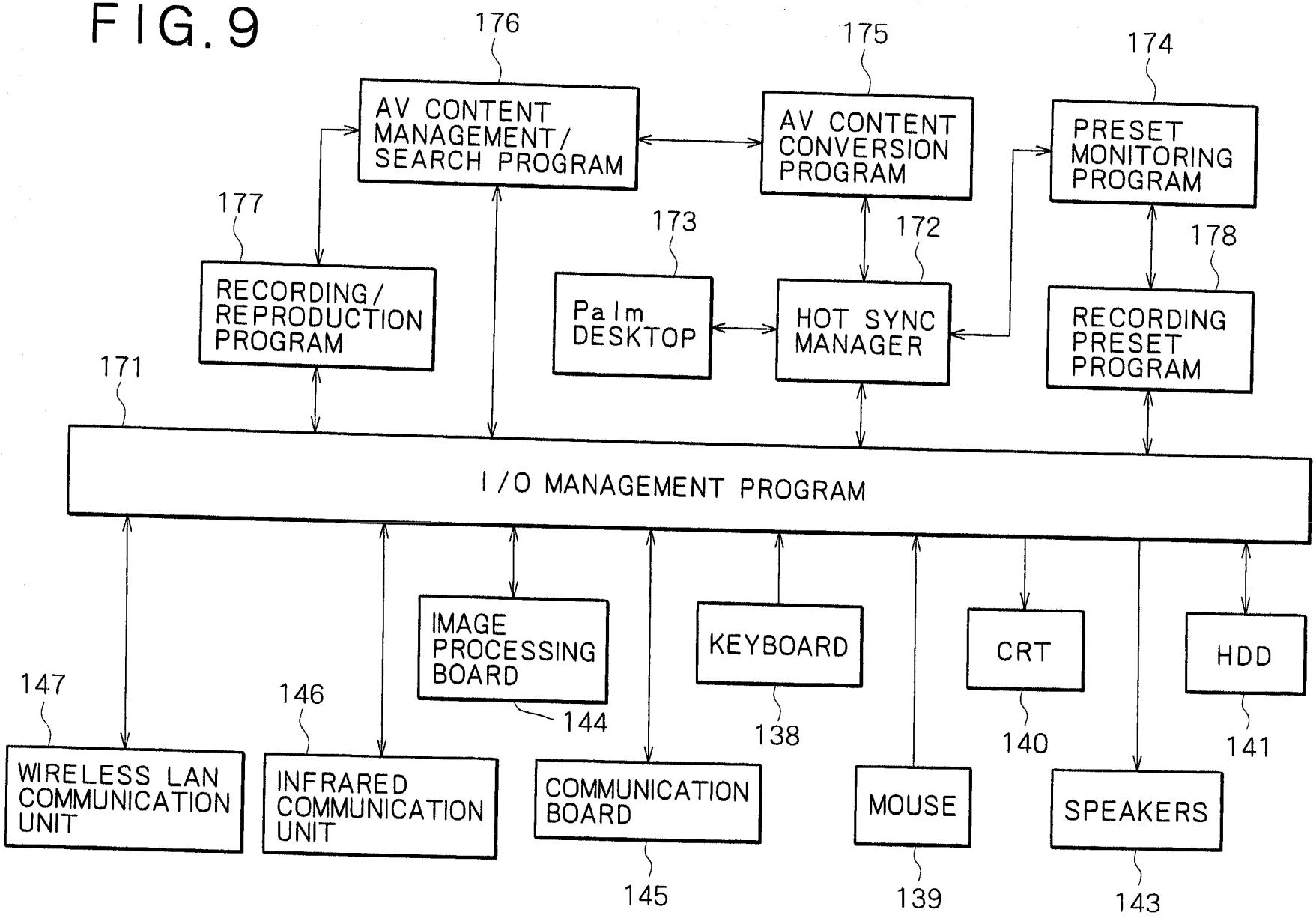

176
AV CONTENT MANAGEMENT/ SEARCH PROGRAM
175
AV CONTENT CONVERSION PROGRAM
174
PRESET MONITORING PROGRAM
177
RECORDING/ REPRODUCTION PROGRAM
173
Palm DESKTOP
172
HOT SYNC MANAGER
178
RECORDING PRESET PROGRAM
171
I/O MANAGEMENT PROGRAM
147
WIRELESS LAN COMMUNICATION UNIT
146
INFRARED COMMUNICATION UNIT
IMAGE PROCESSING BOARD
144
KEYBOARD
138
CRT
140
HDD
141
COMMUNICATION BOARD
145
MOUSE
139
SPEAKERS
143

FIG. 10

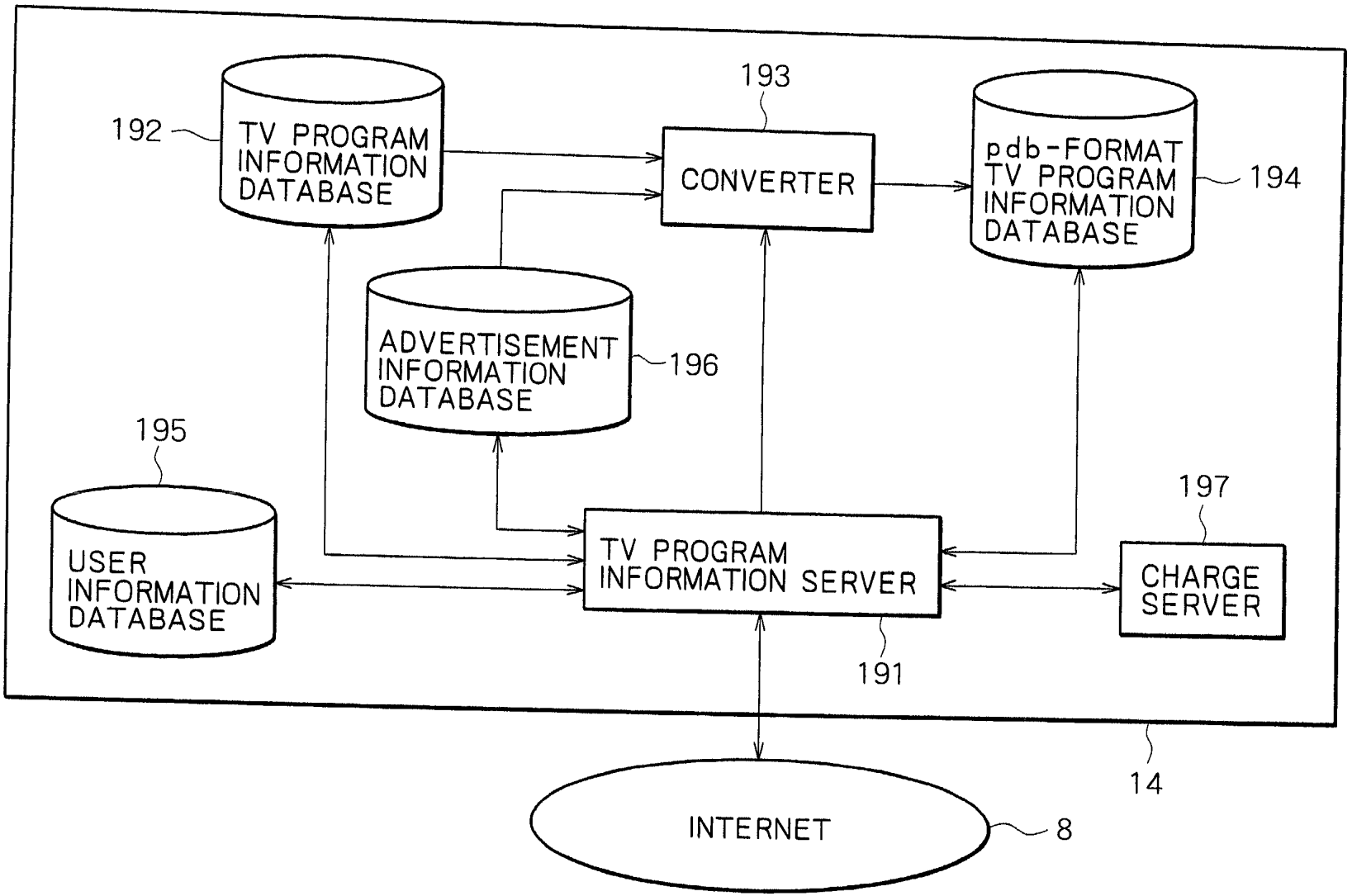

192
TV PROGRAM INFORMATION DATABASE
193
CONVERTER
pdb-FORMAT TV PROGRAM INFORMATION DATABASE
194
ADVERTISEMENT INFORMATION DATABASE
196
195
USER INFORMATION DATABASE
TV PROGRAM INFORMATION SERVER
191
197
CHARGE SERVER
14
INTERNET
8

FIG. 11

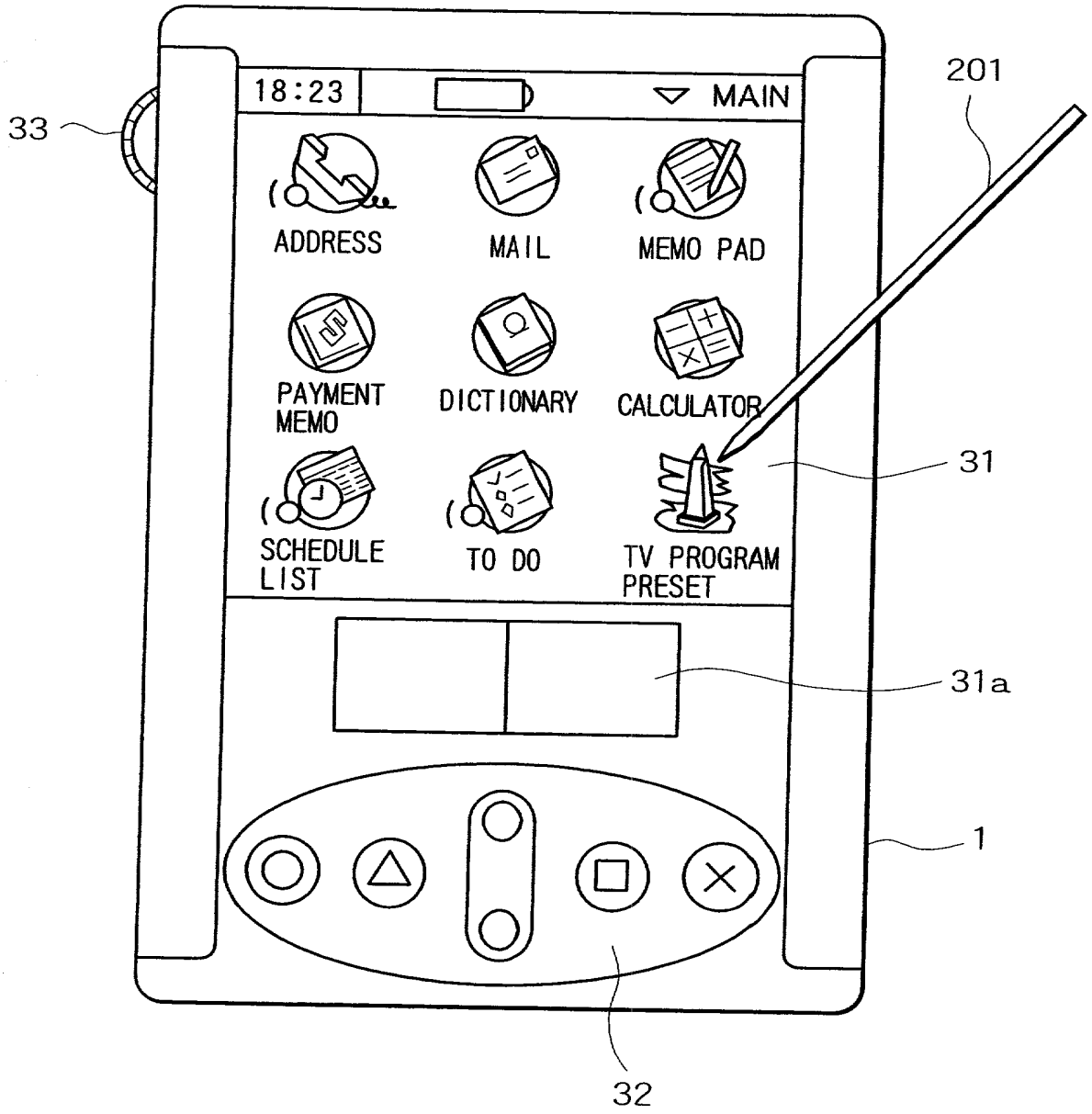

18:23
MAIN
ADDRESS
MAIL
MEMO PAD
PAYMENT MEMO
DICTIONARY
CALCULATOR
SCHEDULE LIST
TO DO
TV PROGRAM PRESET
33
201
31
31a
1
32

FIG. 12

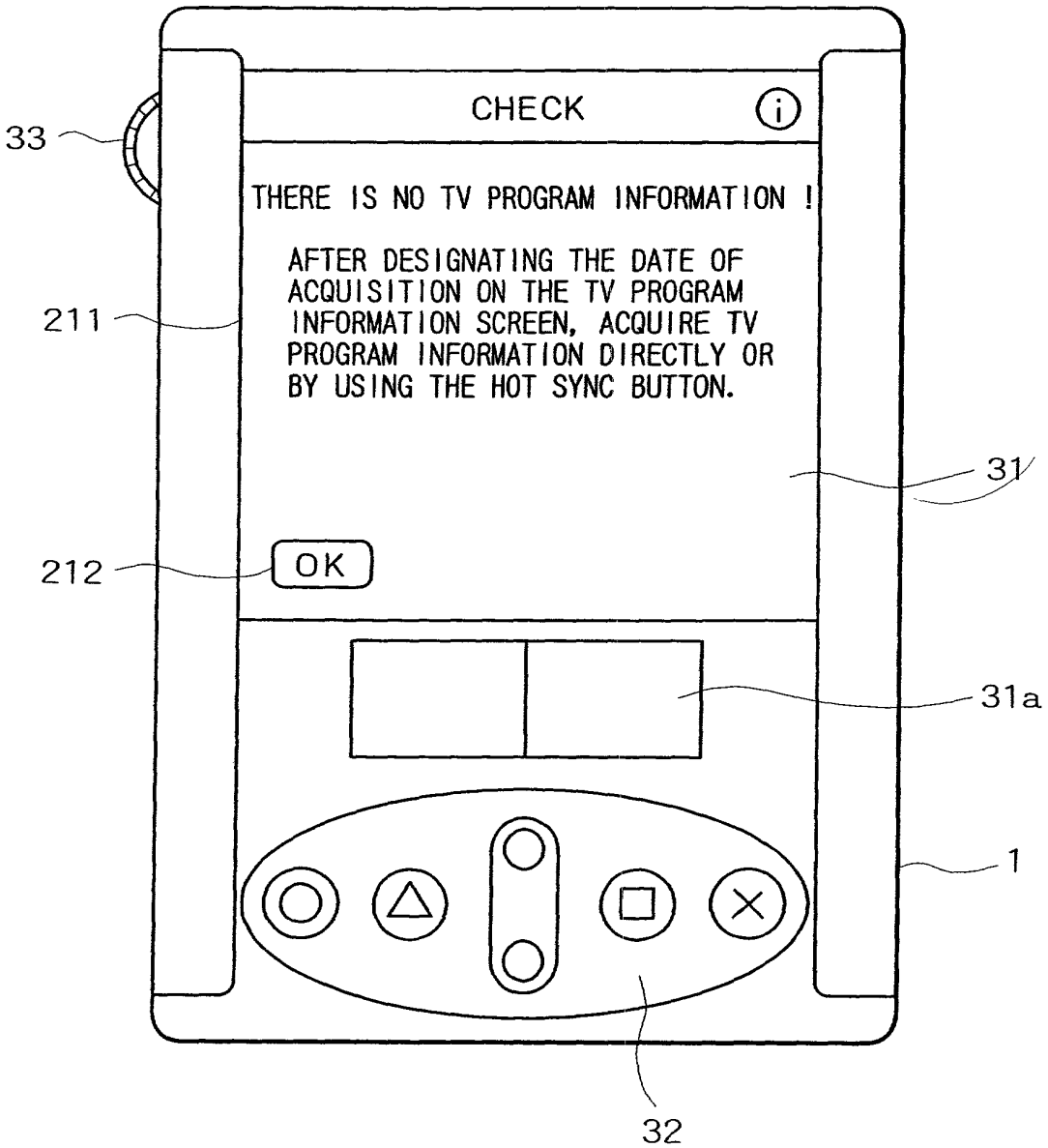

CHECK
THERE IS NO TV PROGRAM INFORMATION !
AFTER DESIGNATING THE DATE OF ACQUISITION ON THE TV PROGRAM INFORMATION SCREEN, ACQUIRE TV PROGRAM INFORMATION DIRECTLY OR BY USING THE HOT SYNC BUTTON.
OK
33
211
212
31
31a
1
32

FIG. 13

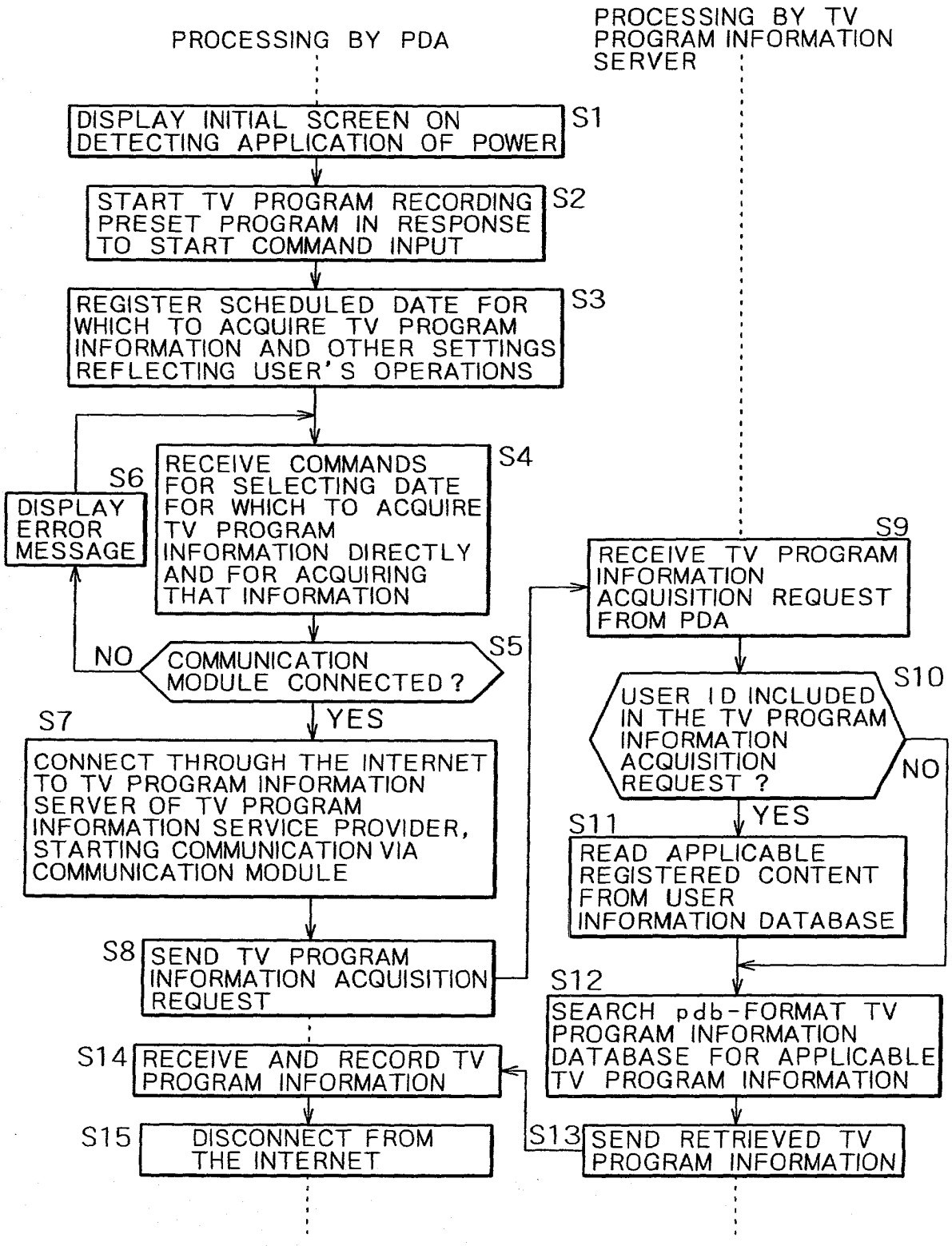

PROCESSING BY PDA
PROCESSING BY TV PROGRAM INFORMATION SERVER
DISPLAY INITIAL SCREEN ON DETECTING APPLICATION OF POWER
S1
START TV PROGRAM RECORDING PRESET PROGRAM IN RESPONSE TO START COMMAND INPUT
S2
REGISTER SCHEDULED DATE FOR WHICH TO ACQUIRE TV PROGRAM INFORMATION AND OTHER SETTINGS REFLECTING USER'S OPERATIONS
S3
RECEIVE COMMANDS FOR SELECTING DATE FOR WHICH TO ACQUIRE TV PROGRAM INFORMATION DIRECTLY AND FOR ACQUIRING THAT INFORMATION
S4
S6
DISPLAY ERROR MESSAGE
NO
COMMUNICATION MODULE CONNECTED ?
S5
YES
S7
CONNECT THROUGH THE INTERNET TO TV PROGRAM INFORMATION SERVER OF TV PROGRAM INFORMATION SERVICE PROVIDER, STARTING COMMUNICATION VIA COMMUNICATION MODULE
S8
SEND TV PROGRAM INFORMATION ACQUISITION REQUEST
S9
RECEIVE TV PROGRAM INFORMATION ACQUISITION REQUEST FROM PDA
S10
USER ID INCLUDED IN THE TV PROGRAM INFORMATION ACQUISITION REQUEST ?
NO
YES
S11
READ APPLICABLE REGISTERED CONTENT FROM USER INFORMATION DATABASE
S12
SEARCH pdb-FORMAT TV PROGRAM INFORMATION DATABASE FOR APPLICABLE TV PROGRAM INFORMATION
S13
SEND RETRIEVED TV PROGRAM INFORMATION
S14
RECEIVE AND RECORD TV PROGRAM INFORMATION
S15
DISCONNECT FROM THE INTERNET

FIG. 14

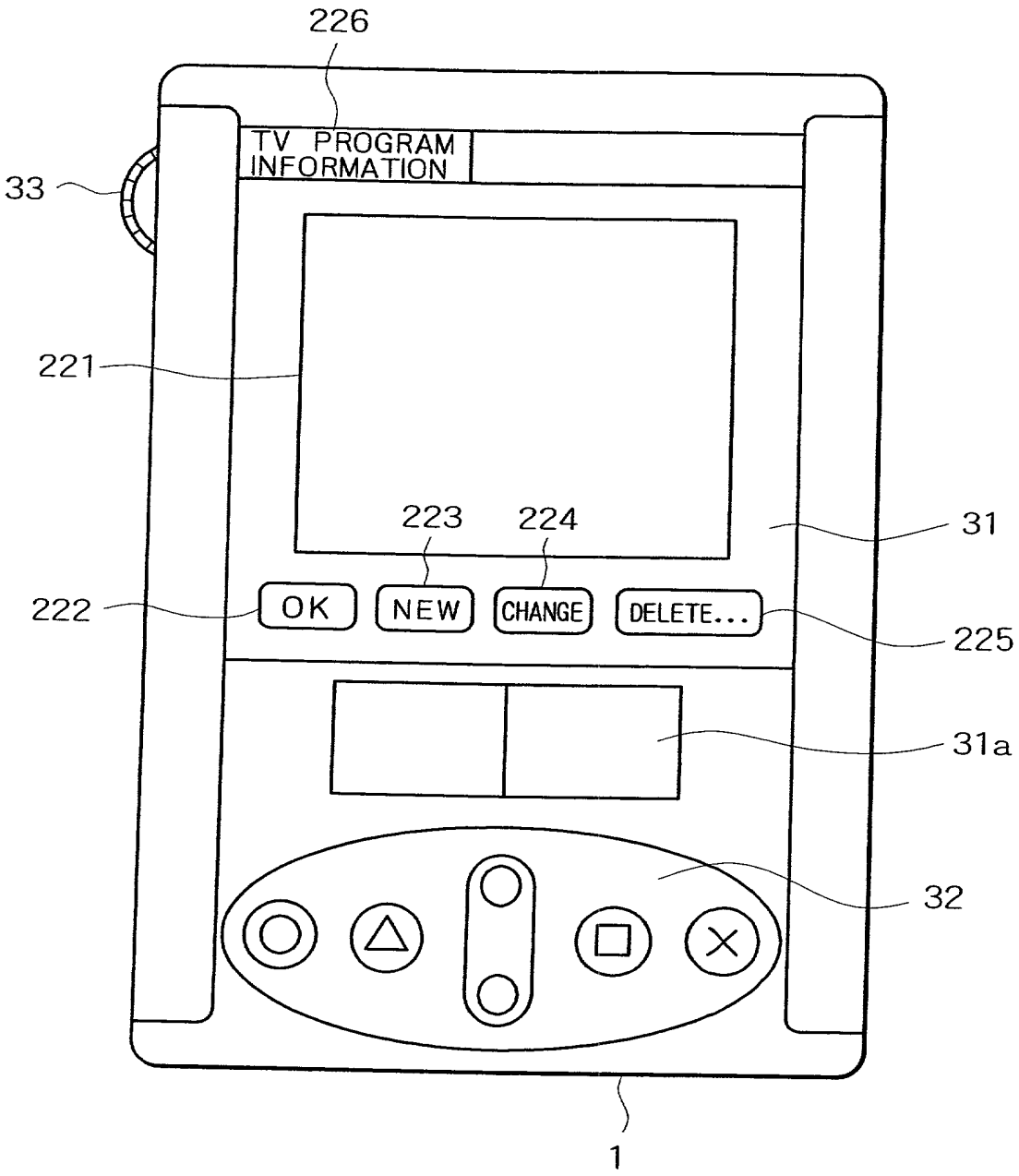

226
TV PROGRAM INFORMATION
33
221
223
224
31
222
OK
NEW
CHANGE
DELETE...
225
31a
32
1

FIG. 15

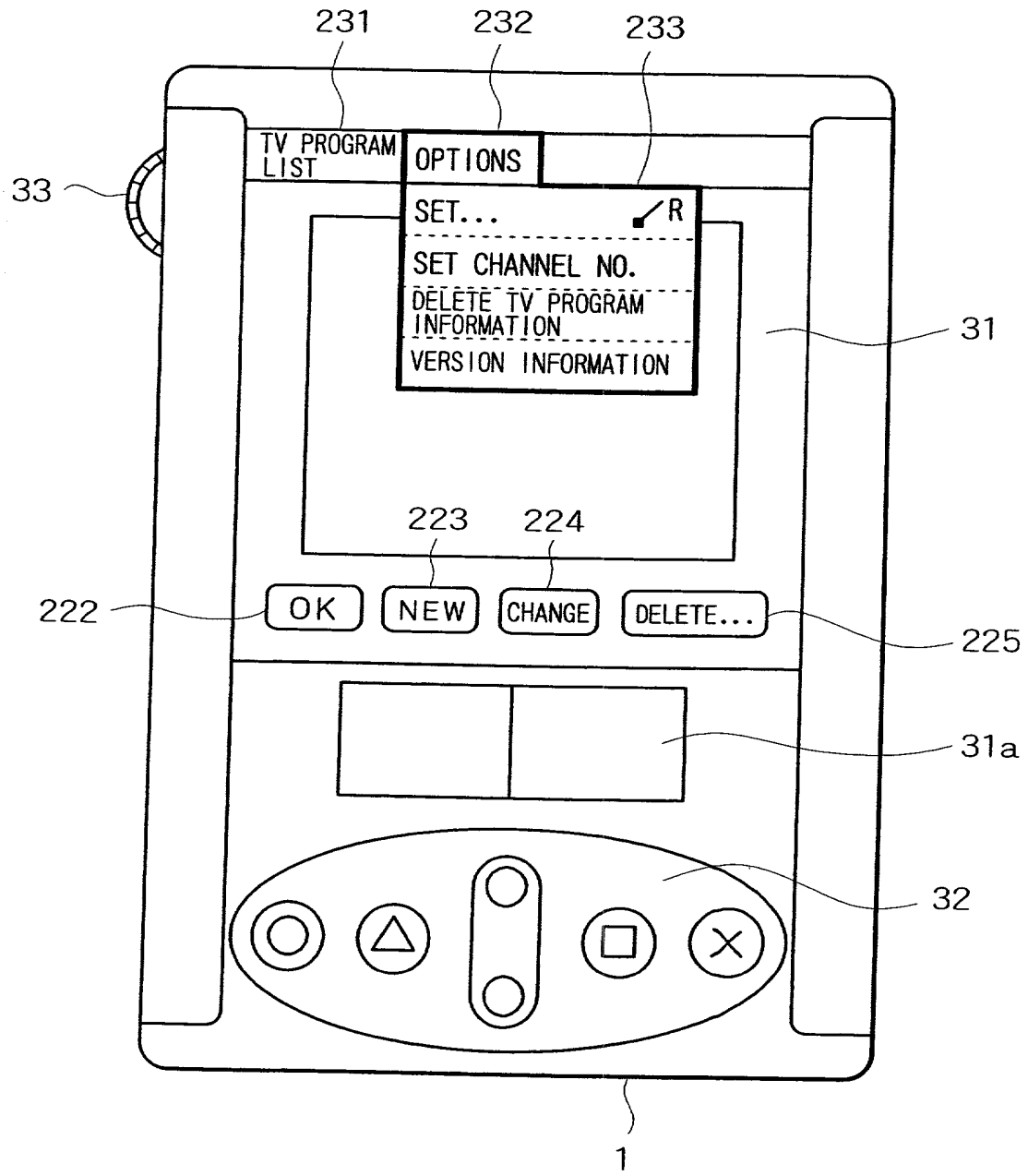

231
232
233
TV PROGRAM LIST
OPTIONS
33
SET...
R
SET CHANNEL NO.
DELETE TV PROGRAM INFORMATION
VERSION INFORMATION
31
223
224
222
OK
NEW
CHANGE
DELETE...
225
31a
32
1

FIG. 16

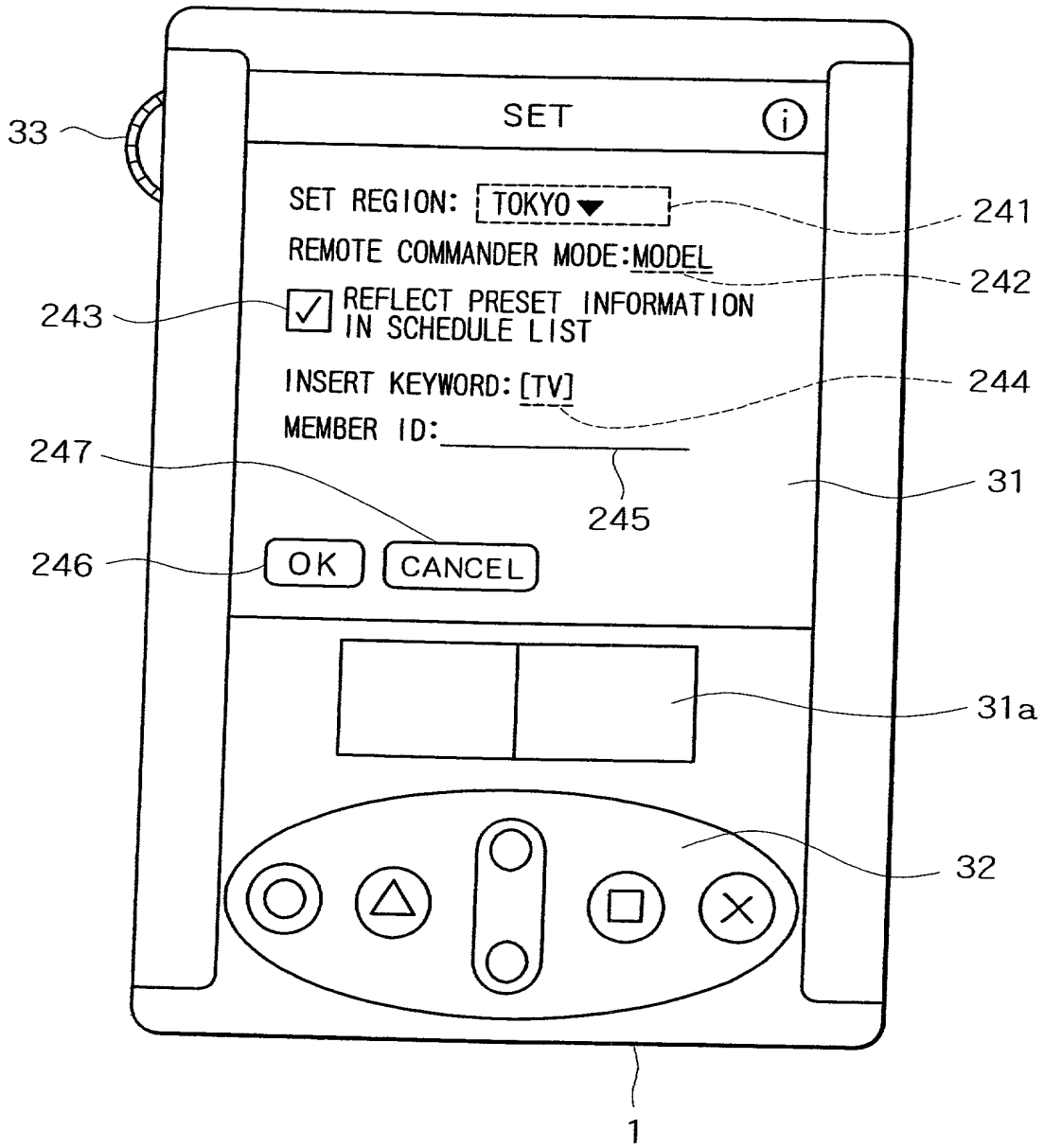

SET
SET REGION: TOKYO
REMOTE COMMANDER MODE:MODEL
REFLECT PRESET INFORMATION IN SCHEDULE LIST
INSERT KEYWORD: [TV]
MEMBER ID:
OK
CANCEL
33
241
242
243
244
245
246
247
31
31a
32
1

FIG. 17

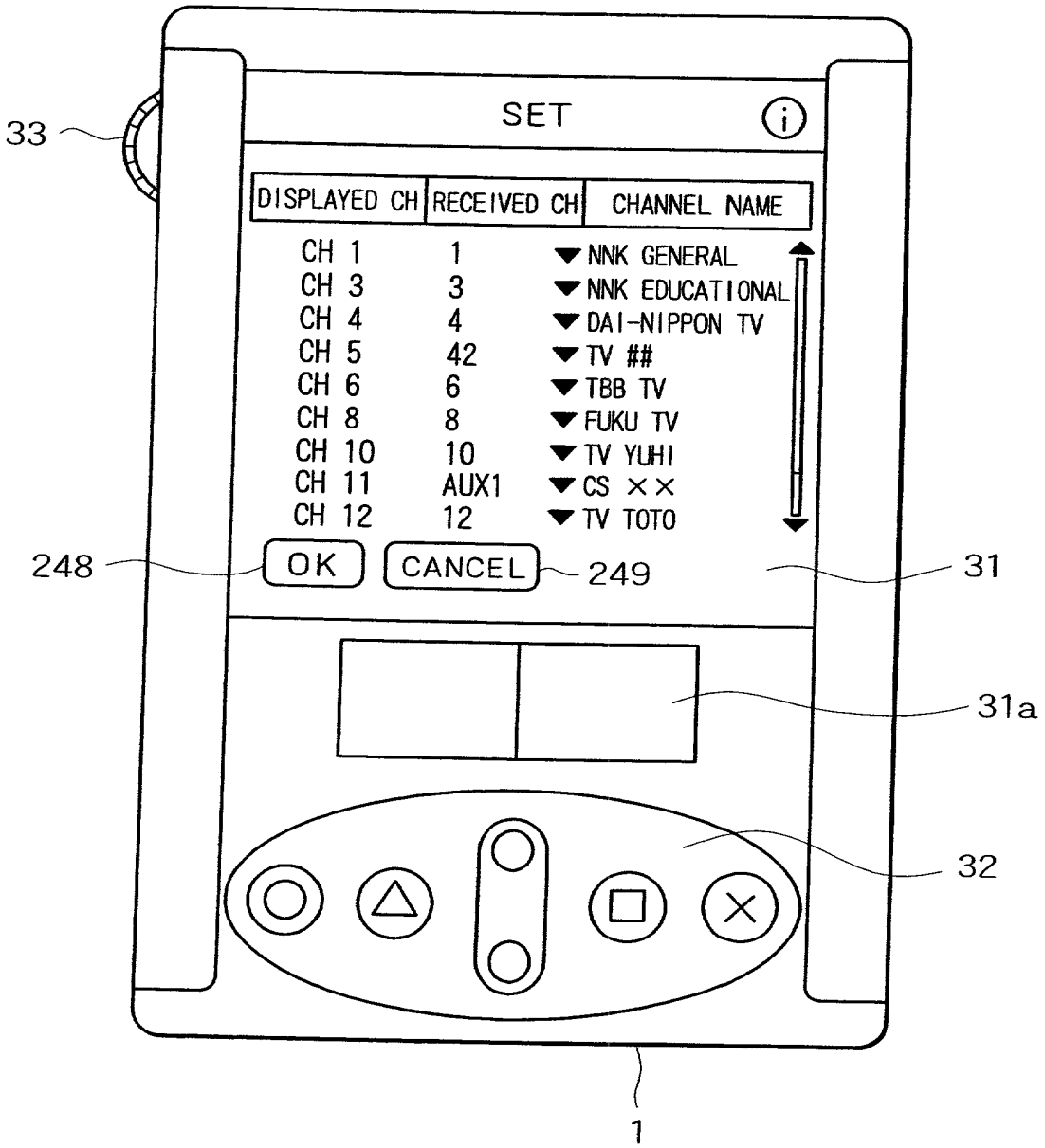

33
SET
DISPLAYED CH
RECEIVED CH
CHANNEL NAME
CH 1 1 NNK GENERAL
CH 3 3 NNK EDUCATIONAL
CH 4 4 DAI-NIPPON TV
CH 5 42 TV ##
CH 6 6 TBB TV
CH 8 8 FUKU TV
CH 10 10 TV YUHI
CH 11 AUX1 CS ××
CH 12 12 TV TOTO
248
OK
CANCEL
249
31
31a
32
1

FIG. 18

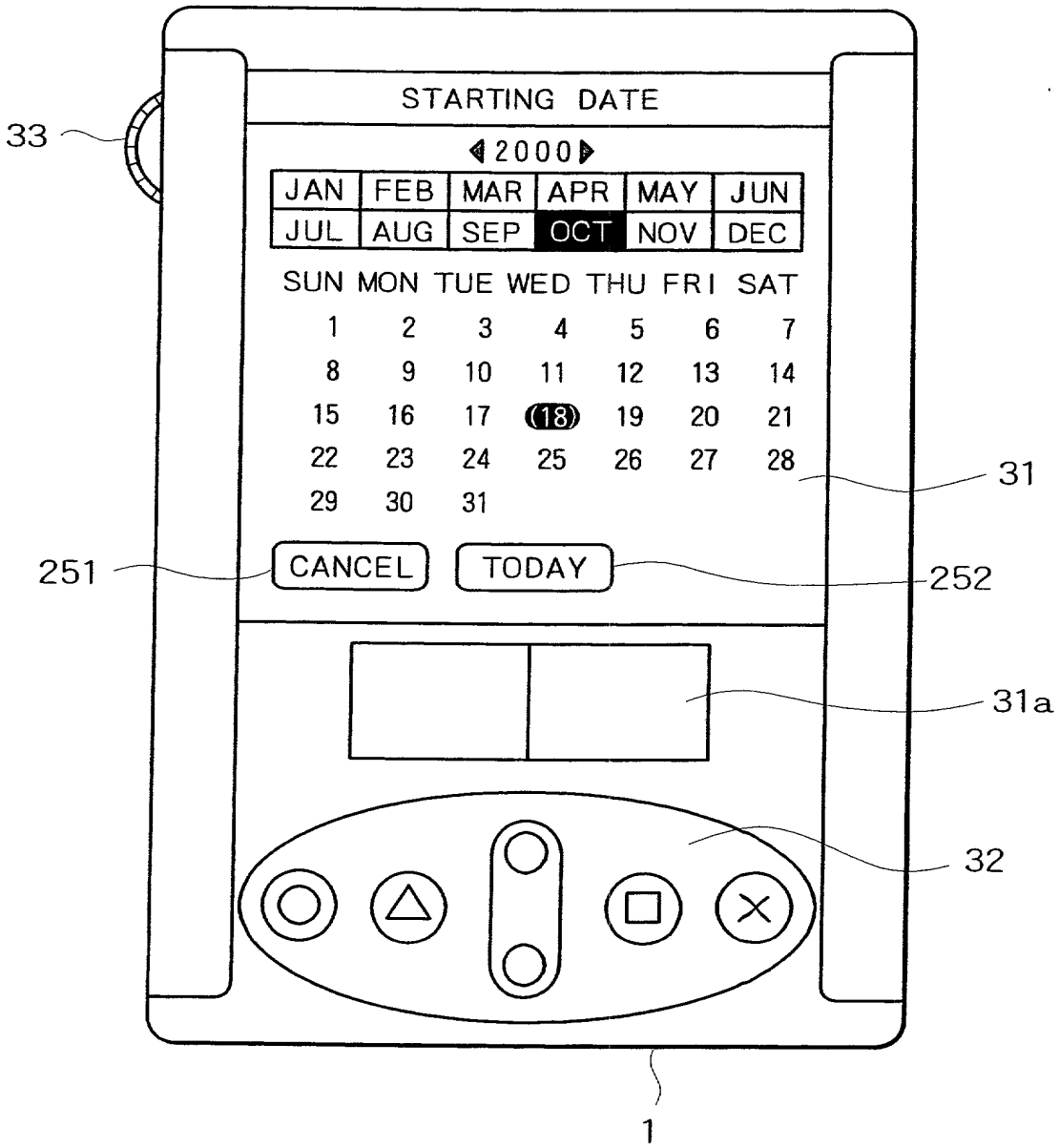

STARTING DATE
2000
JAN FEB MAR APR MAY JUN
JUL AUG SEP OCT NOV DEC
SUN MON TUE WED THU FRI SAT
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31
CANCEL
TODAY
33
31
251
252
31a
32
1

FIG. 19

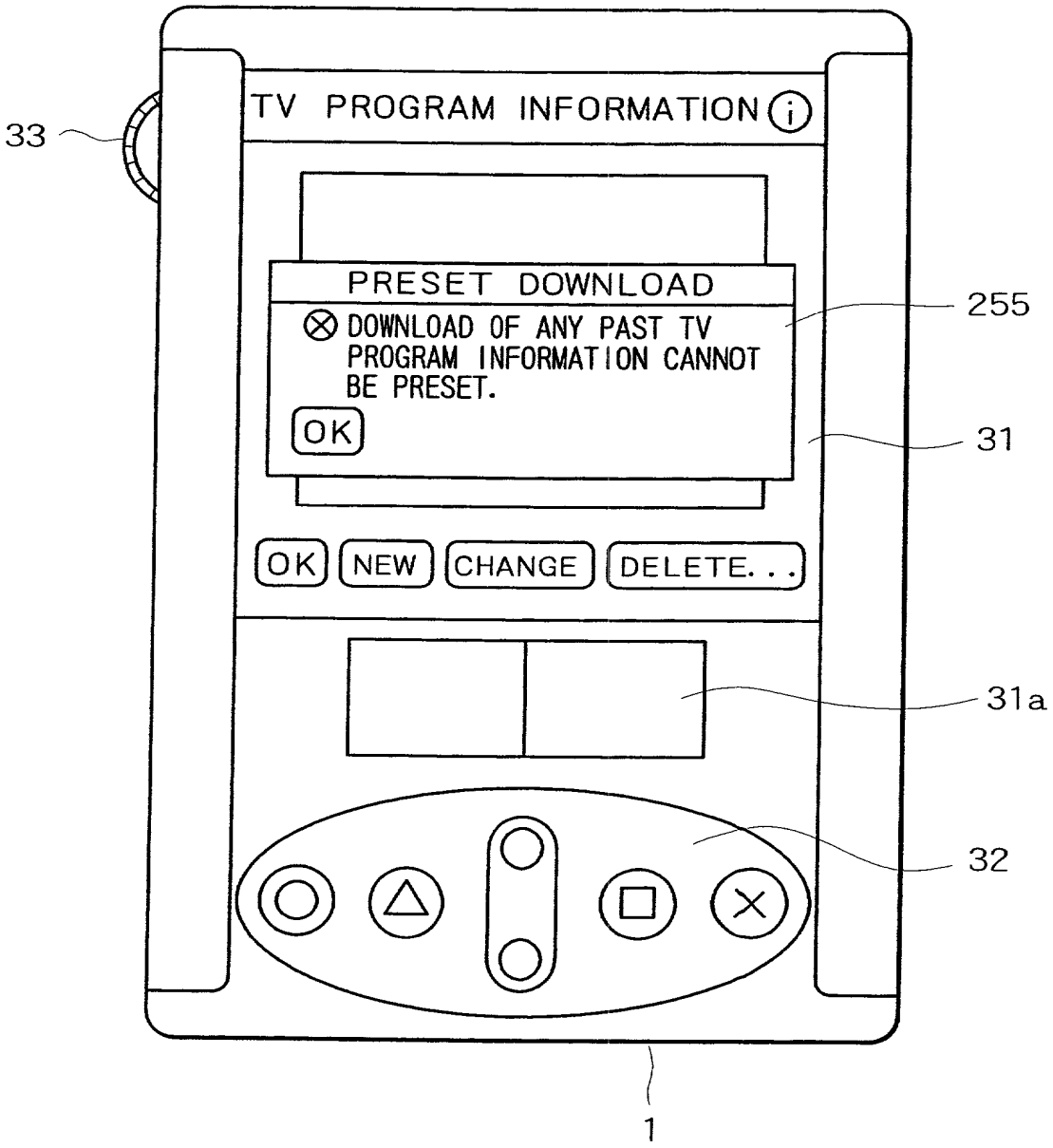

33
TV PROGRAM INFORMATION
PRESET DOWNLOAD
DOWNLOAD OF ANY PAST TV PROGRAM INFORMATION CANNOT BE PRESET.
OK
255
31
OK
NEW
CHANGE
DELETE. . .
31a
32
1

FIG. 20

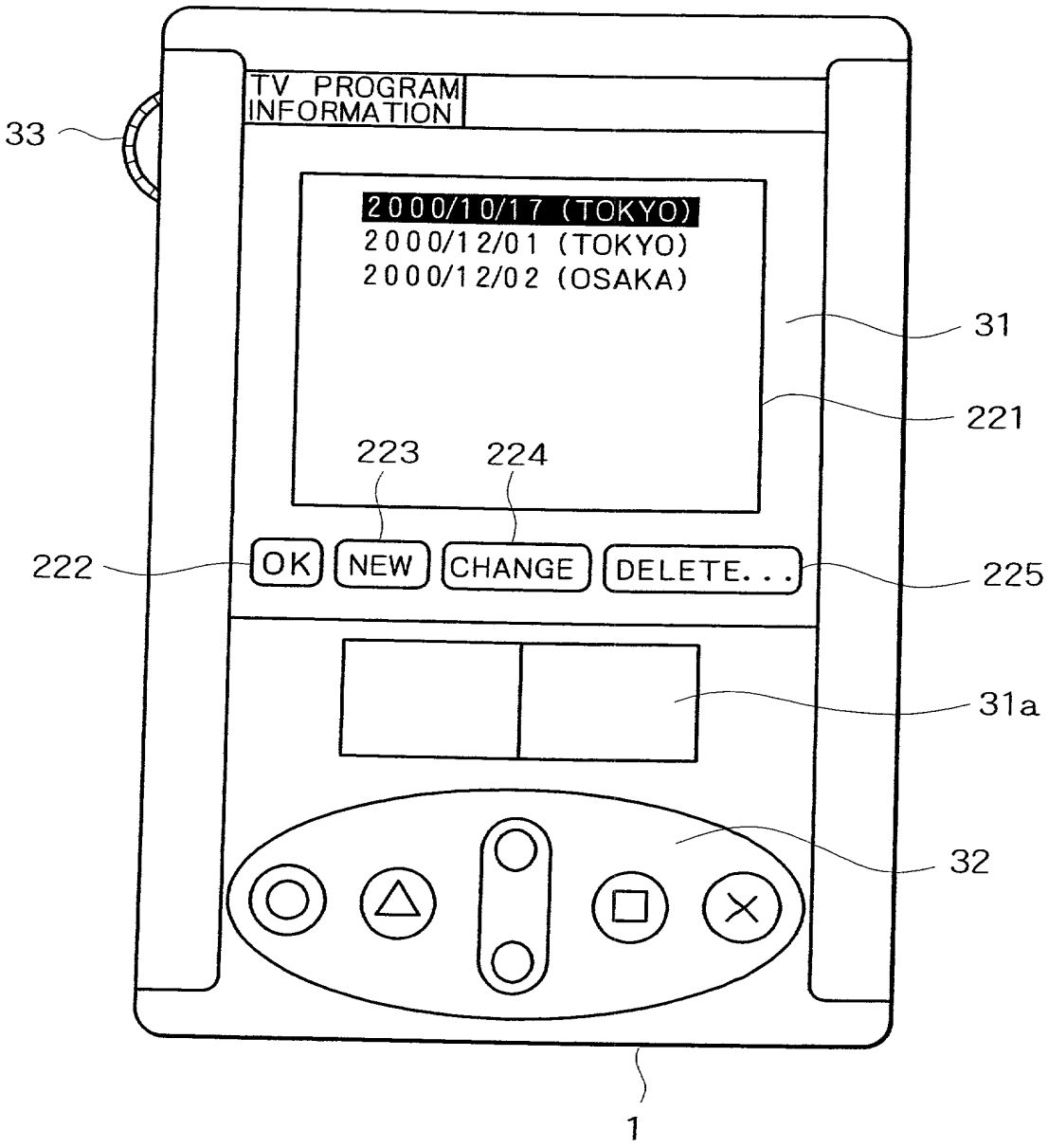

TV PROGRAM INFORMATION
2000/10/17 (TOKYO)
2000/12/01 (TOKYO)
2000/12/02 (OSAKA)
OK
NEW
CHANGE
DELETE...
33
31
221
223
224
222
225
31a
32
1

FIG. 21

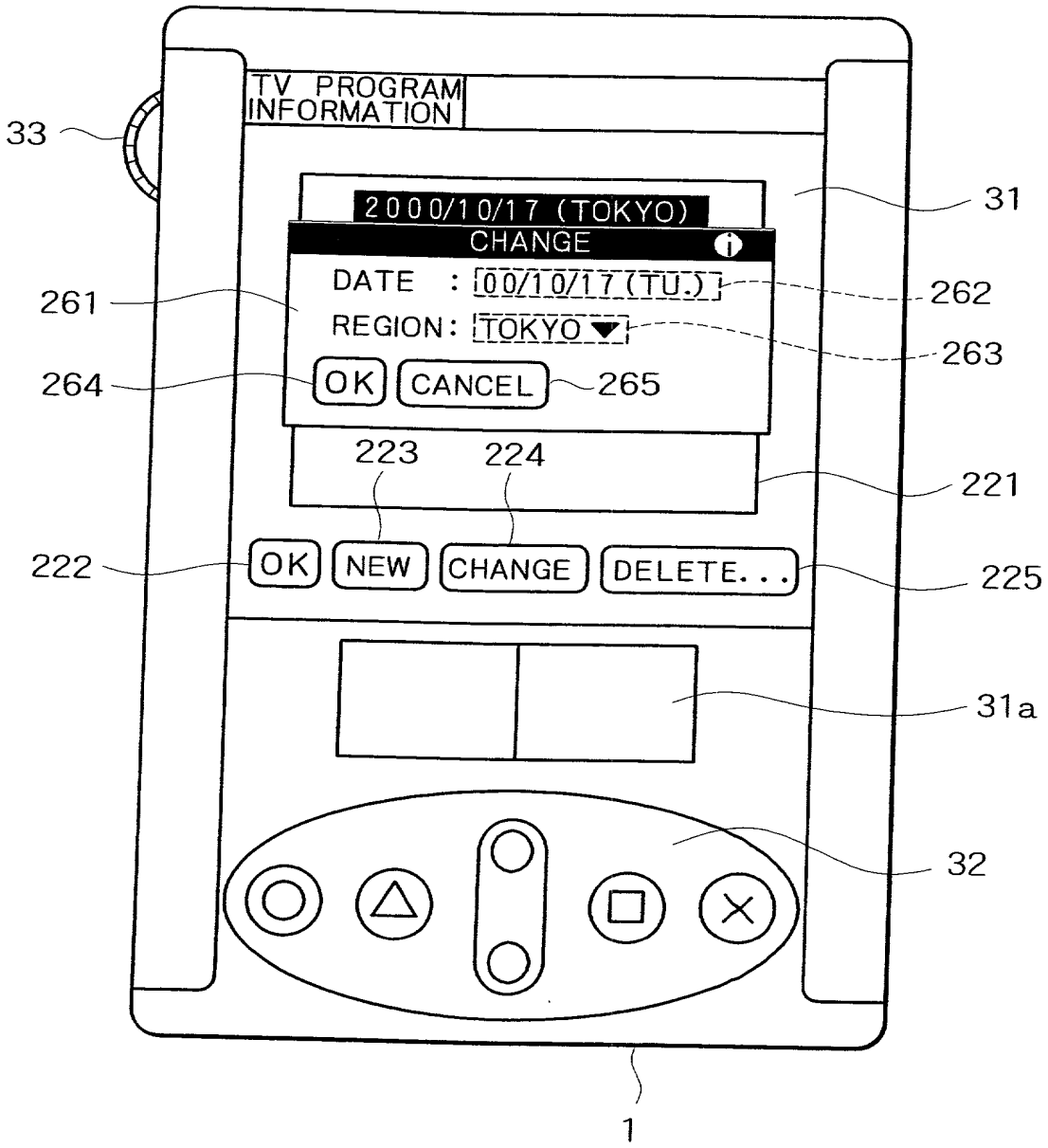

TV PROGRAM INFORMATION
33
2000/10/17 (TOKYO)
31
CHANGE
DATE : 00/10/17 (TU.)
261
262
REGION: TOKYO
263
264
OK
CANCEL
265
223
224
221
222
OK
NEW
CHANGE
DELETE...
225
31a
32
1

FIG. 22

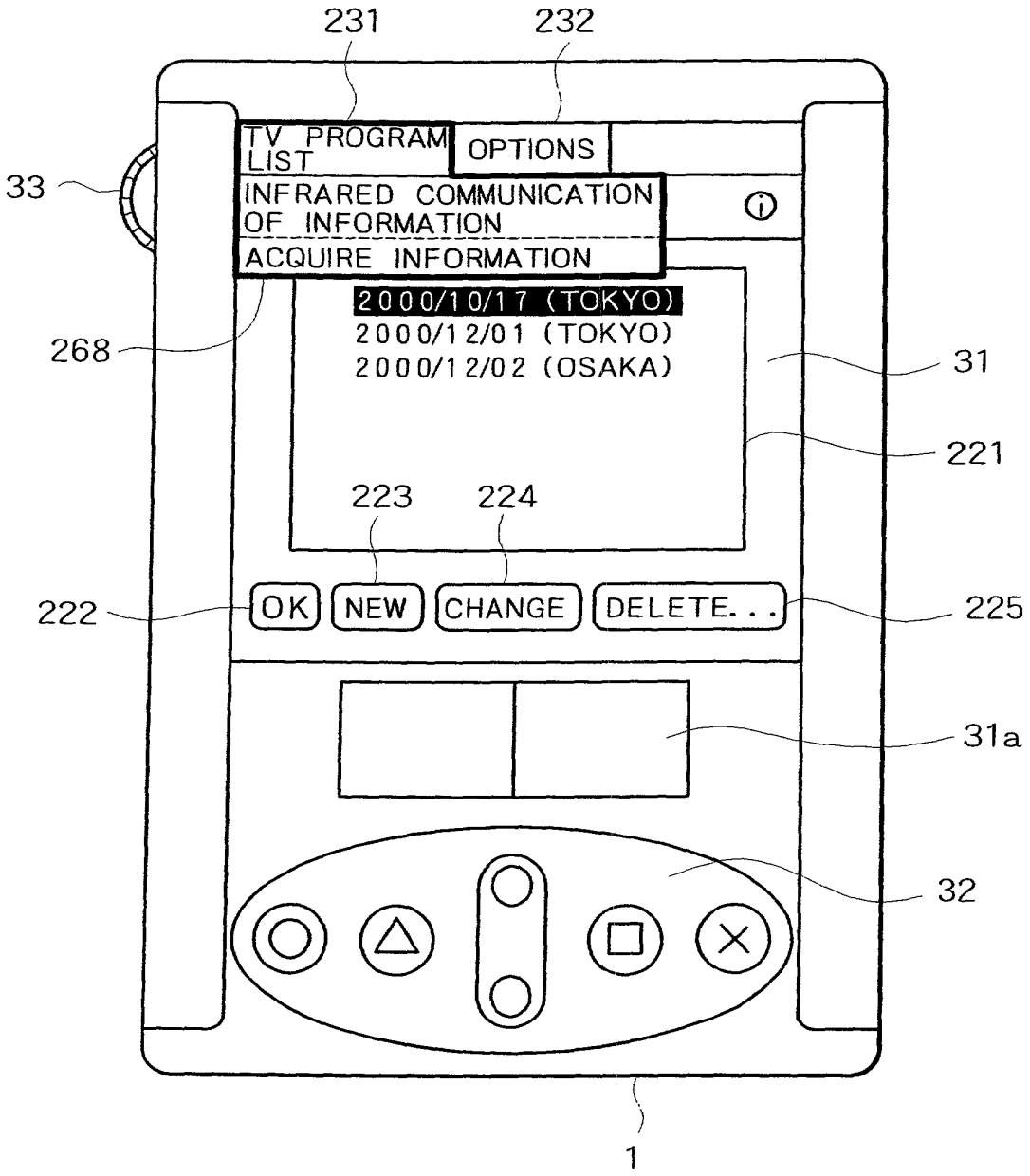

231
232
TV PROGRAM LIST
OPTIONS
33
INFRARED COMMUNICATION OF INFORMATION
ACQUIRE INFORMATION
2000/10/17 (TOKYO)
2000/12/01 (TOKYO)
2000/12/02 (OSAKA)
268
31
221
223
224
222
OK
NEW
CHANGE
DELETE. . .
225
31a
32
1

FIG. 23

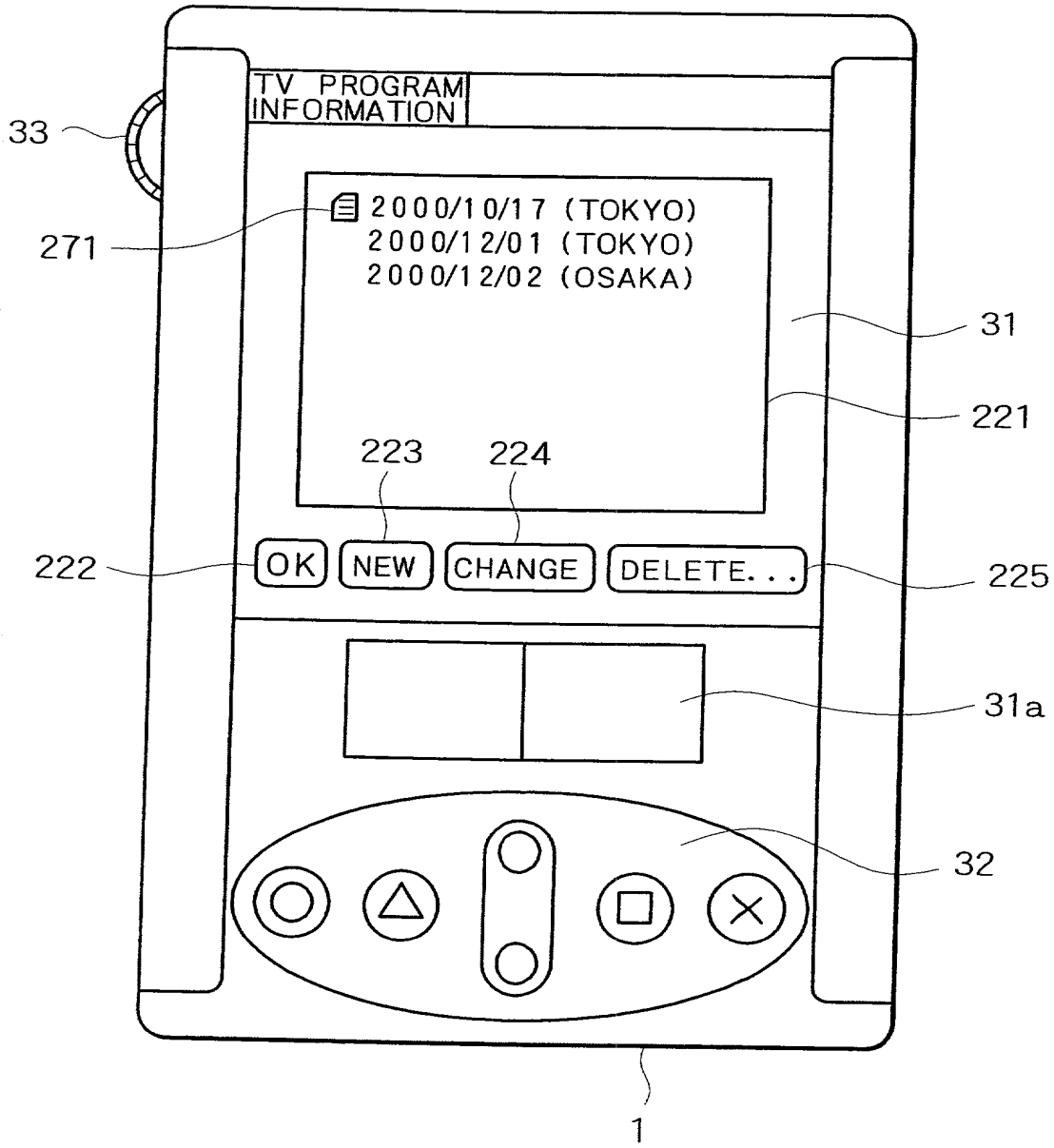

TV PROGRAM INFORMATION
2000/10/17 (TOKYO)
2000/12/01 (TOKYO)
2000/12/02 (OSAKA)
OK
NEW
CHANGE
DELETE...
33
271
31
221
223
224
222
225
31a
32
1

FIG. 24

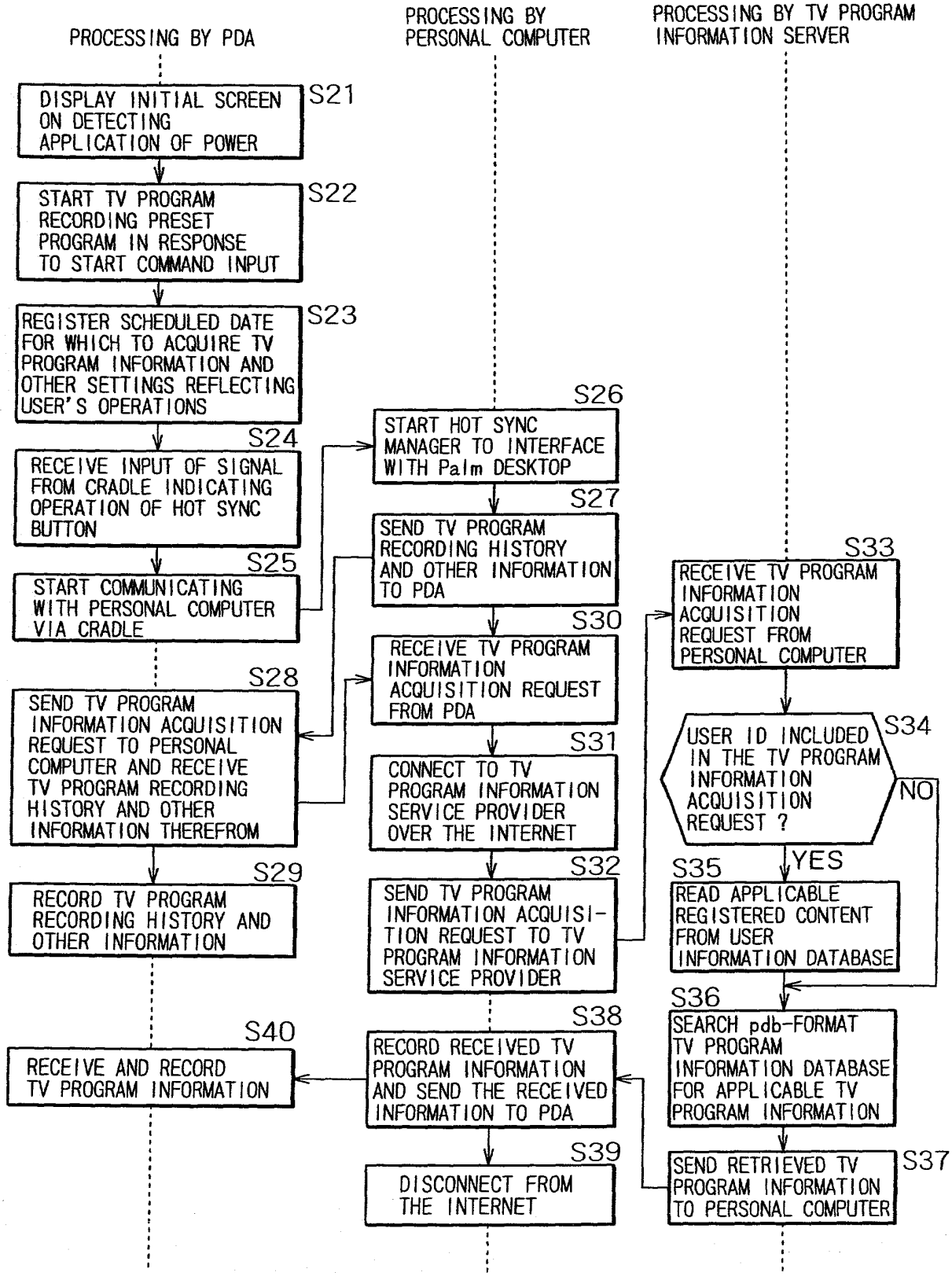

PROCESSING BY PDA
PROCESSING BY PERSONAL COMPUTER
PROCESSING BY TV PROGRAM INFORMATION SERVER
DISPLAY INITIAL SCREEN ON DETECTING APPLICATION OF POWER
S21
START TV PROGRAM RECORDING PRESET PROGRAM IN RESPONSE TO START COMMAND INPUT
S22
REGISTER SCHEDULED DATE FOR WHICH TO ACQUIRE TV PROGRAM INFORMATION AND OTHER SETTINGS REFLECTING USER'S OPERATIONS
S23
RECEIVE INPUT OF SIGNAL FROM CRADLE INDICATING OPERATION OF HOT SYNC BUTTON
S24
START COMMUNICATING WITH PERSONAL COMPUTER VIA CRADLE
S25
START HOT SYNC MANAGER TO INTERFACE WITH Palm DESKTOP
S26
SEND TV PROGRAM RECORDING HISTORY AND OTHER INFORMATION TO PDA
S27
RECEIVE TV PROGRAM INFORMATION ACQUISITION REQUEST FROM PDA
S30
CONNECT TO TV PROGRAM INFORMATION SERVICE PROVIDER OVER THE INTERNET
S31
SEND TV PROGRAM INFORMATION ACQUISITION REQUEST TO TV PROGRAM INFORMATION SERVICE PROVIDER
S32
RECEIVE TV PROGRAM INFORMATION ACQUISITION REQUEST FROM PERSONAL COMPUTER
S33
USER ID INCLUDED IN THE TV PROGRAM INFORMATION ACQUISITION REQUEST ?
S34
YES
NO
READ APPLICABLE REGISTERED CONTENT FROM USER INFORMATION DATABASE
S35
SEARCH pdb-FORMAT TV PROGRAM INFORMATION DATABASE FOR APPLICABLE TV PROGRAM INFORMATION
S36
SEND RETRIEVED TV PROGRAM INFORMATION TO PERSONAL COMPUTER
S37
RECORD RECEIVED TV PROGRAM INFORMATION AND SEND THE RECEIVED INFORMATION TO PDA
S38
DISCONNECT FROM THE INTERNET
S39
SEND TV PROGRAM RECORDING HISTORY AND OTHER INFORMATION TO PDA
S28
SEND TV PROGRAM INFORMATION ACQUISITION REQUEST TO PERSONAL COMPUTER AND RECEIVE TV PROGRAM RECORDING HISTORY AND OTHER INFORMATION THEREFROM
RECORD TV PROGRAM RECORDING HISTORY AND OTHER INFORMATION
S29
RECEIVE AND RECORD TV PROGRAM INFORMATION
S40

FIG. 25

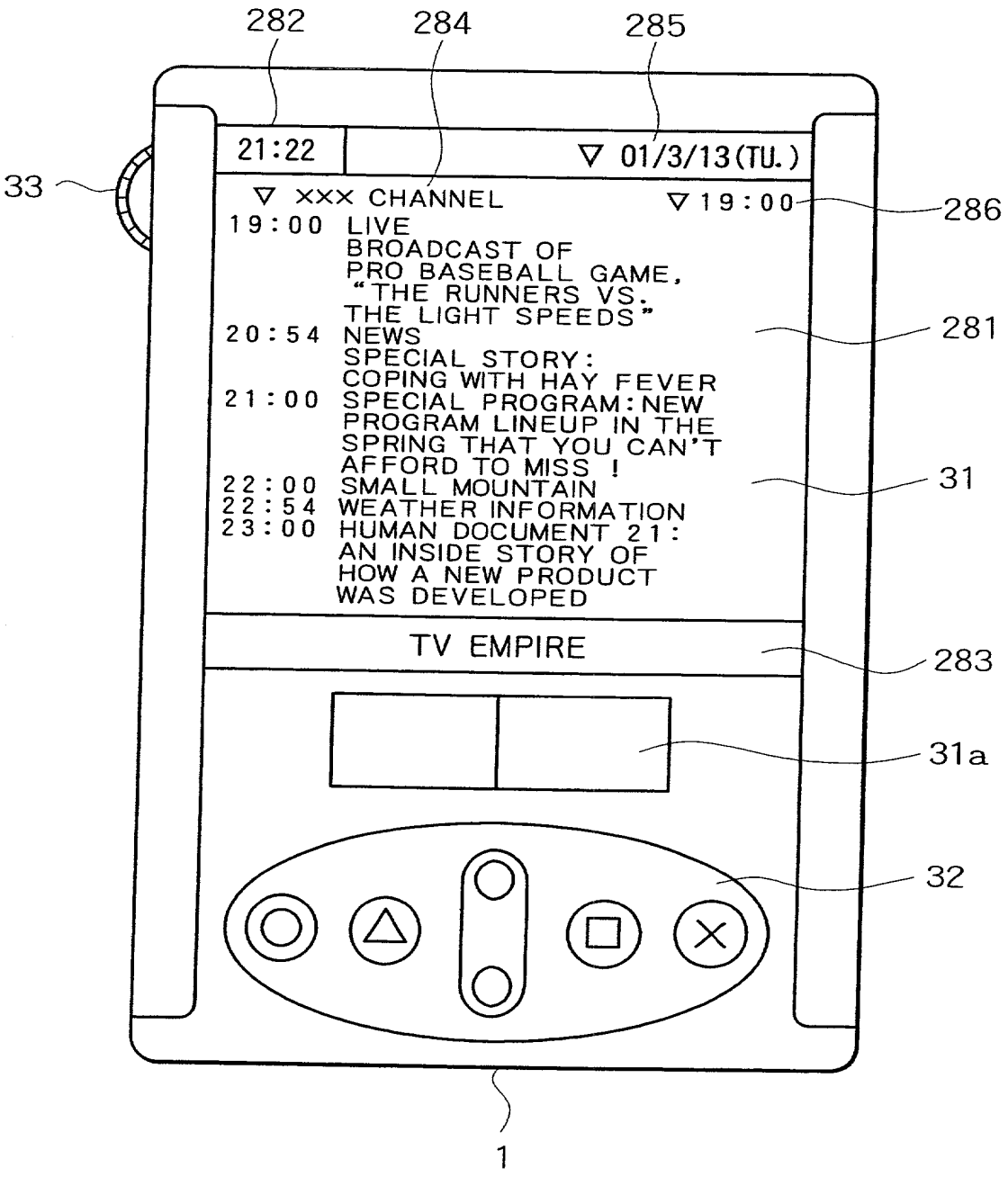

282
284
285
33
21:22
▽ 01/3/13(TU.)
▽ XXX CHANNEL
▽ 19:00
286
19:00 LIVE BROADCAST OF PRO BASEBALL GAME, "THE RUNNERS VS. THE LIGHT SPEEDS"
20:54 NEWS SPECIAL STORY: COPING WITH HAY FEVER
21:00 SPECIAL PROGRAM: NEW PROGRAM LINEUP IN THE SPRING THAT YOU CAN'T AFFORD TO MISS !
22:00 SMALL MOUNTAIN
22:54 WEATHER INFORMATION
23:00 HUMAN DOCUMENT 21: AN INSIDE STORY OF HOW A NEW PRODUCT WAS DEVELOPED
281
31
TV EMPIRE
283
31a
32
1

FIG. 26

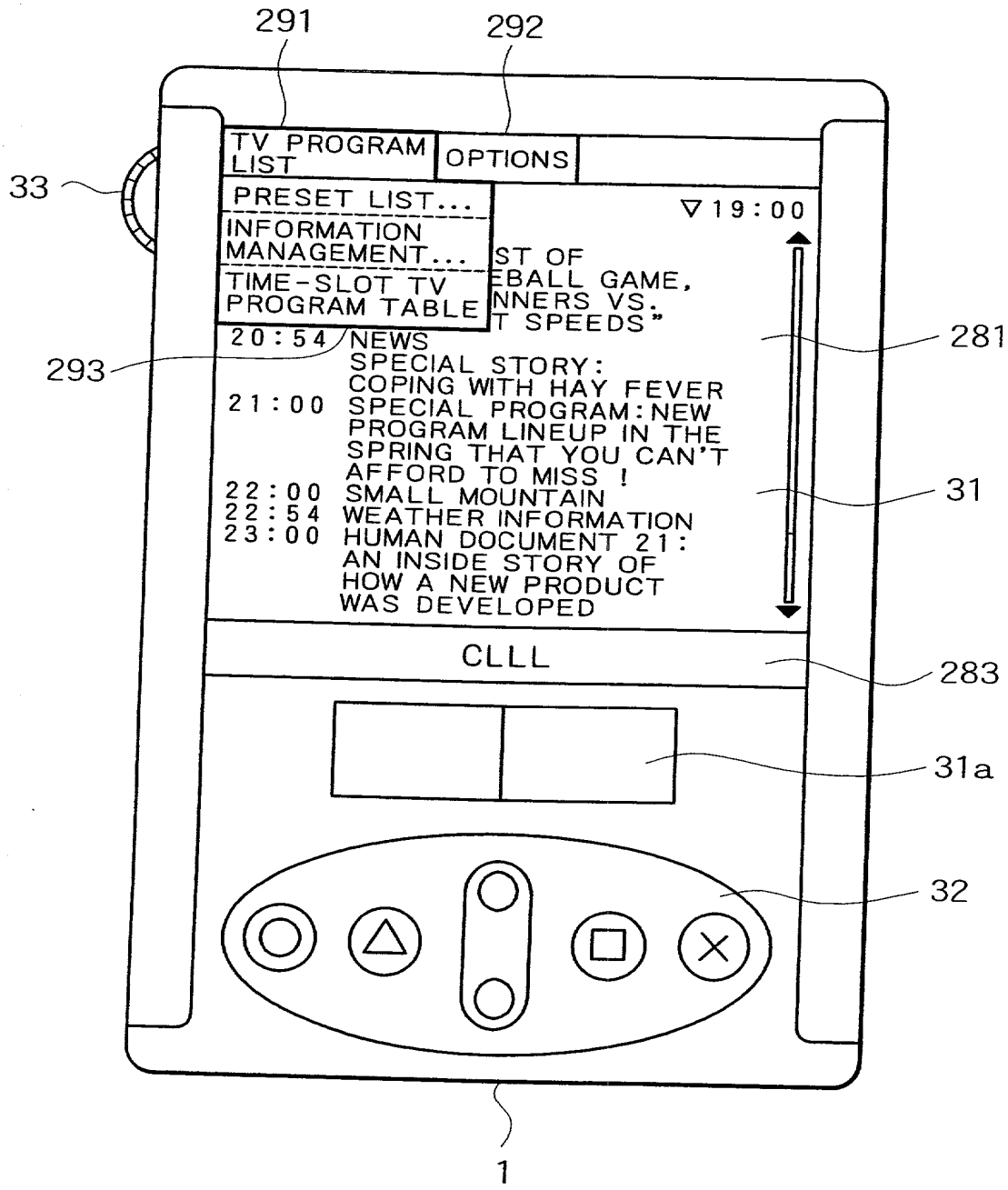

291
292
33
TV PROGRAM LIST
OPTIONS
PRESET LIST...
INFORMATION MANAGEMENT...
TIME-SLOT TV PROGRAM TABLE
▽19:00
ST OF
EBALL GAME,
NNERS VS.
T SPEEDS"
20:54 NEWS
293
SPECIAL STORY:
COPING WITH HAY FEVER
21:00 SPECIAL PROGRAM: NEW
PROGRAM LINEUP IN THE
SPRING THAT YOU CAN'T
AFFORD TO MISS !
22:00 SMALL MOUNTAIN
22:54 WEATHER INFORMATION
23:00 HUMAN DOCUMENT 21:
AN INSIDE STORY OF
HOW A NEW PRODUCT
WAS DEVELOPED
281
31
CLLL
283
31a
32
1

FIG. 27

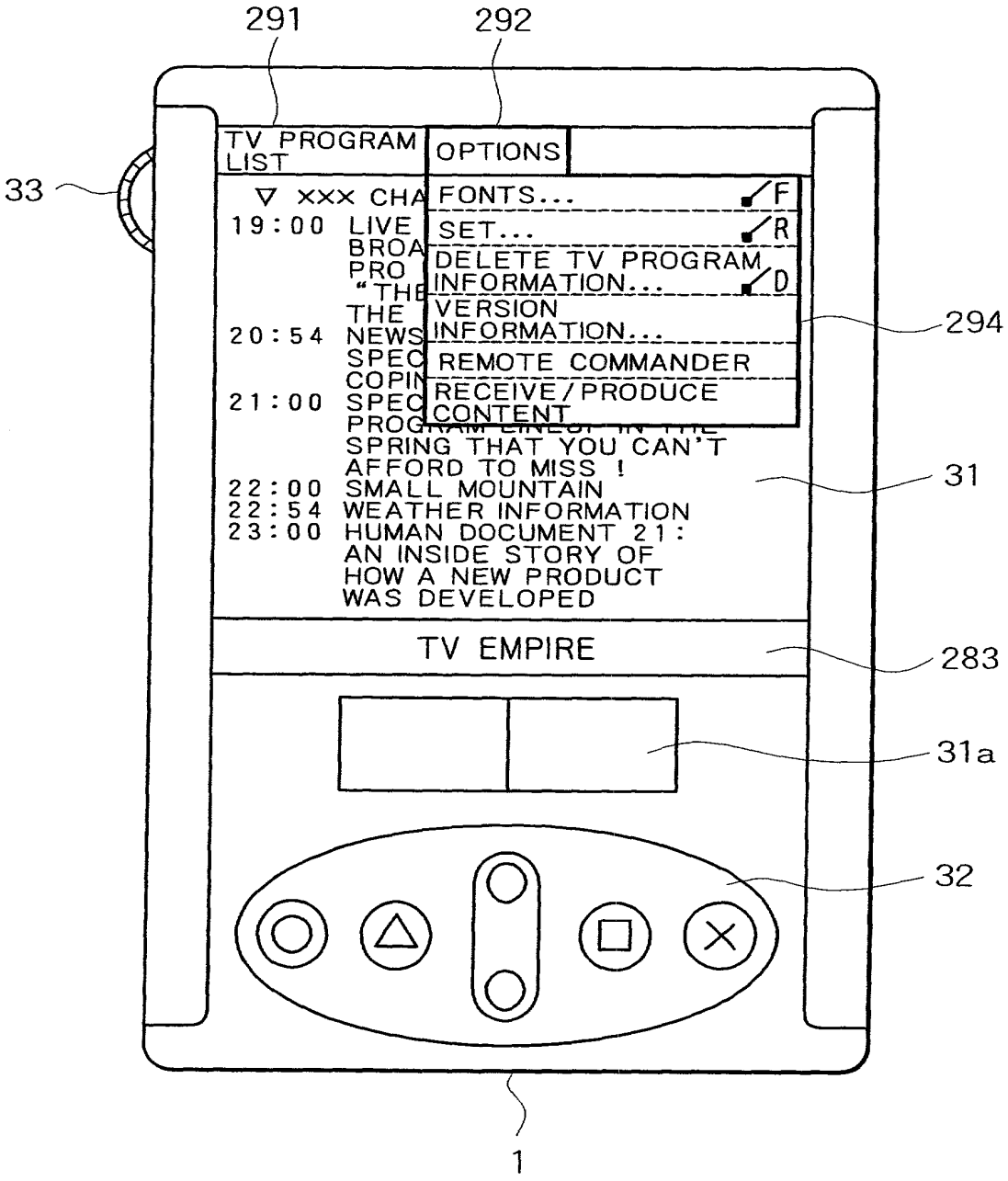

291
292
33
TV PROGRAM LIST
OPTIONS
▽ XXX CHA
19:00 LIVE
BROA
PRO
"THE
THE
20:54 NEWS
SPEC
COPIN
21:00 SPEC
PROG
SPRING THAT YOU CAN'T
AFFORD TO MISS !
22:00 SMALL MOUNTAIN
22:54 WEATHER INFORMATION
23:00 HUMAN DOCUMENT 21:
AN INSIDE STORY OF
HOW A NEW PRODUCT
WAS DEVELOPED
FONTS... F
SET... R
DELETE TV PROGRAM INFORMATION... D
VERSION INFORMATION...
REMOTE COMMANDER
RECEIVE/PRODUCE CONTENT
294
31
TV EMPIRE
283
31a
32
1

FIG. 28

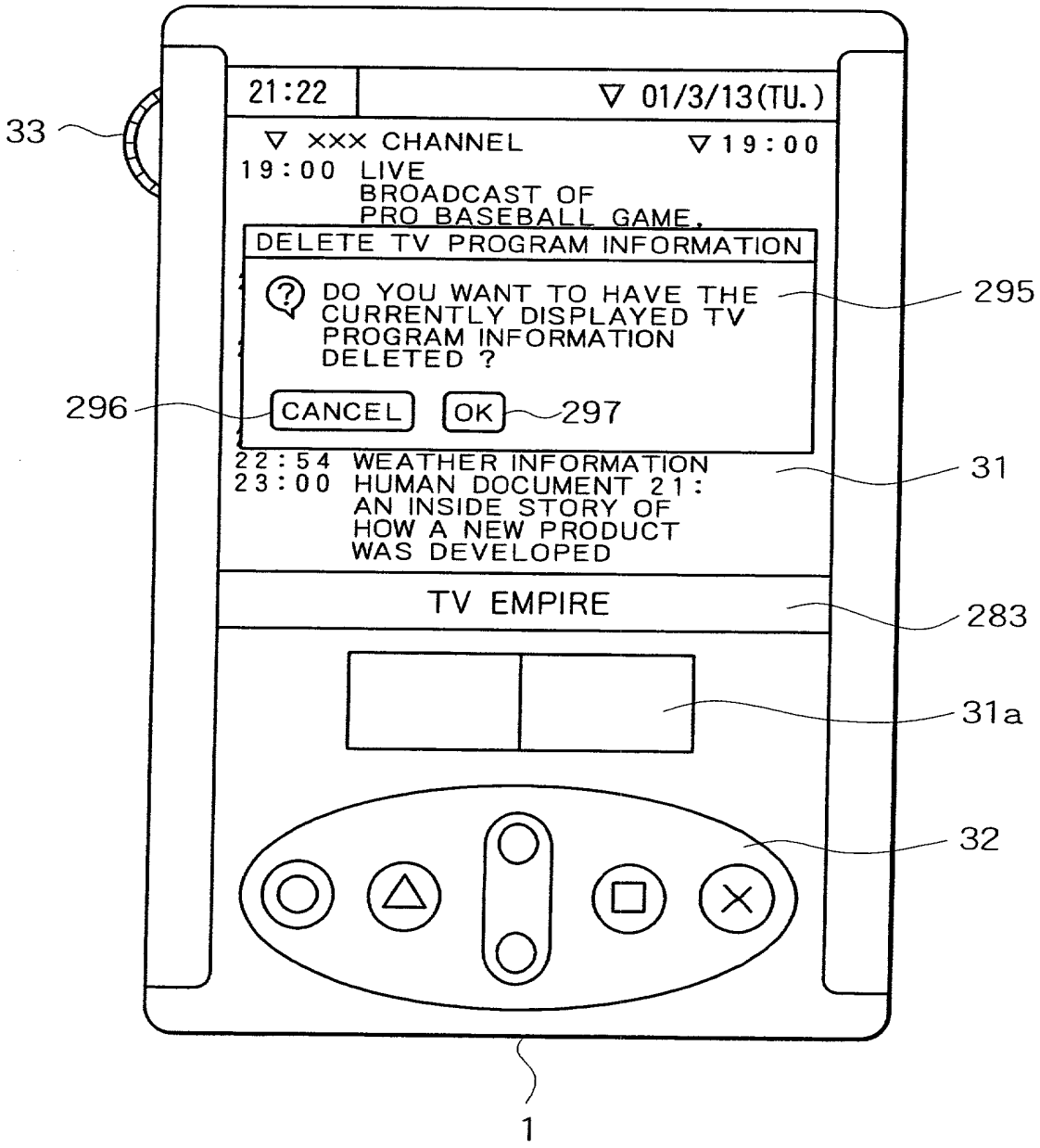

21:22
▽ 01/3/13(TU.)
33
▽ XXX CHANNEL
▽ 19:00
19:00 LIVE
BROADCAST OF
PRO BASEBALL GAME.
DELETE TV PROGRAM INFORMATION
DO YOU WANT TO HAVE THE CURRENTLY DISPLAYED TV PROGRAM INFORMATION DELETED ?
295
296
CANCEL
OK
297
22:54 WEATHER INFORMATION
23:00 HUMAN DOCUMENT 21:
AN INSIDE STORY OF
HOW A NEW PRODUCT
WAS DEVELOPED
31
TV EMPIRE
283
31a
32
1

FIG. 29

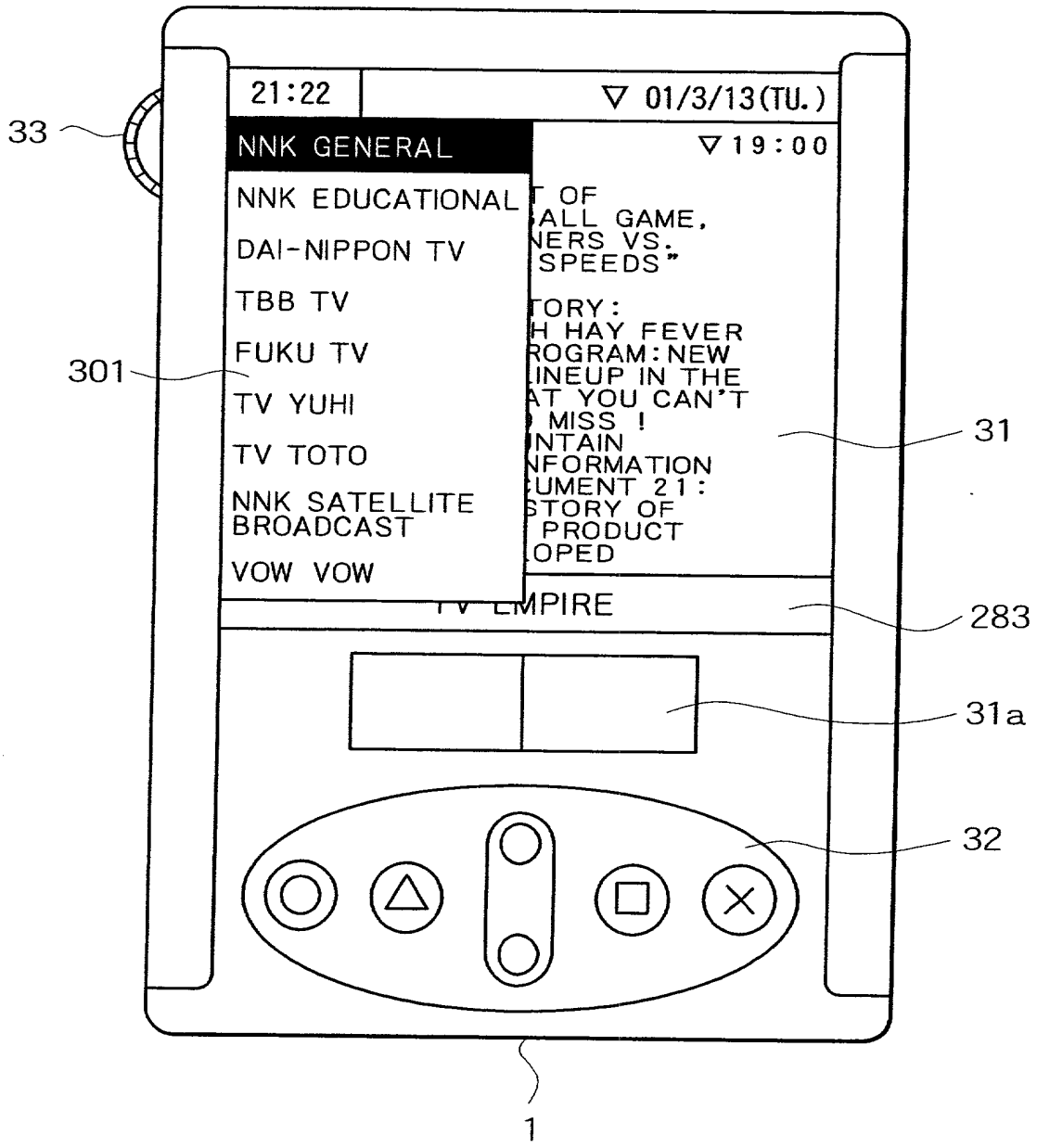

21:22
▽ 01/3/13(TU.)
33
NNK GENERAL
▽19:00
NNK EDUCATIONAL
DAI-NIPPON TV
TBB TV
FUKU TV
TV YUHI
TV TOTO
NNK SATELLITE BROADCAST
VOW VOW
301
31
283
31a
32
1

FIG. 30

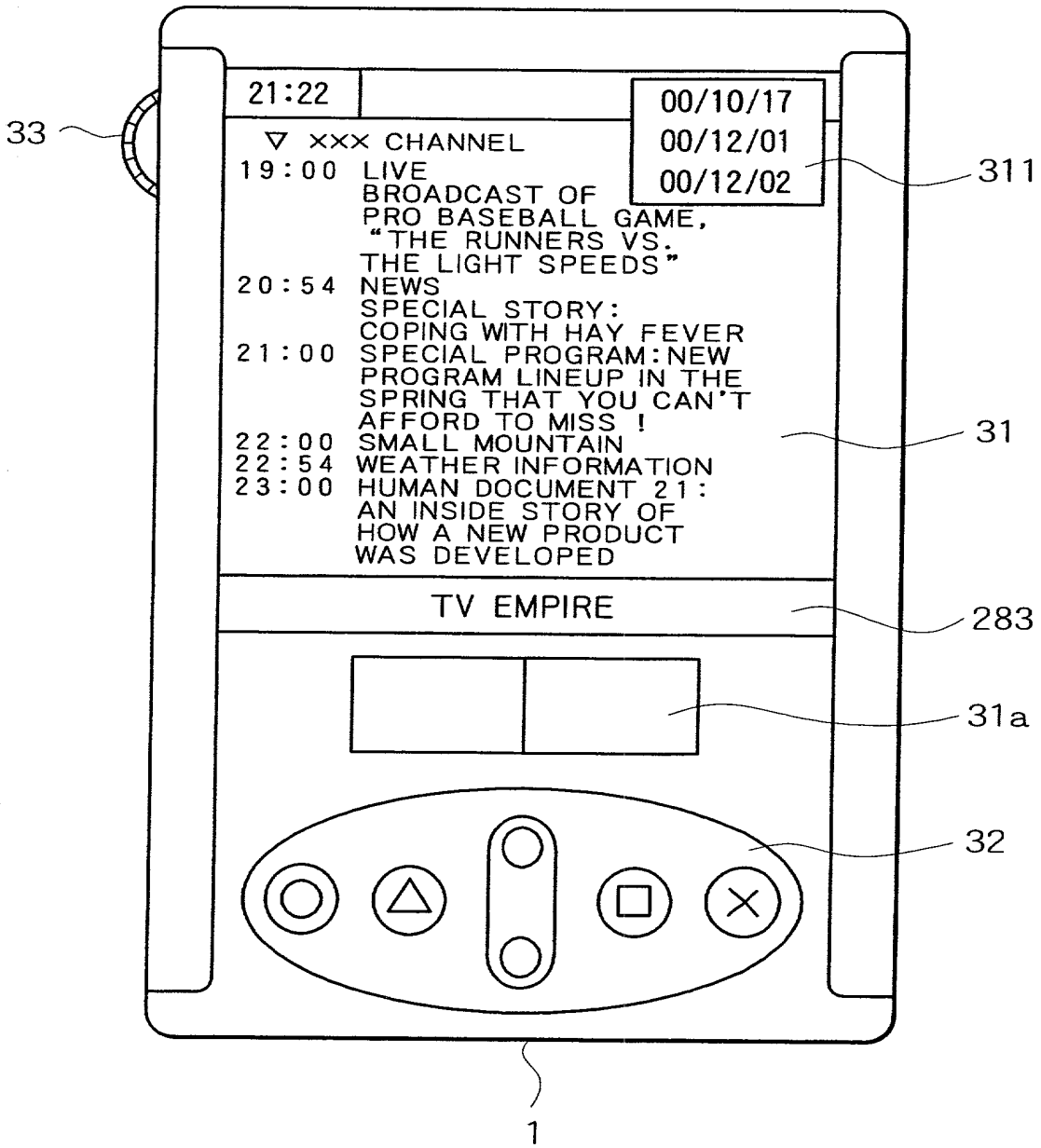

21:22
00/10/17
00/12/01
00/12/02
311
33
▽ XXX CHANNEL
19:00 LIVE BROADCAST OF PRO BASEBALL GAME, "THE RUNNERS VS. THE LIGHT SPEEDS"
20:54 NEWS SPECIAL STORY: COPING WITH HAY FEVER
21:00 SPECIAL PROGRAM: NEW PROGRAM LINEUP IN THE SPRING THAT YOU CAN'T AFFORD TO MISS !
22:00 SMALL MOUNTAIN
22:54 WEATHER INFORMATION
23:00 HUMAN DOCUMENT 21: AN INSIDE STORY OF HOW A NEW PRODUCT WAS DEVELOPED
31
TV EMPIRE
283
31a
32
1

FIG. 31

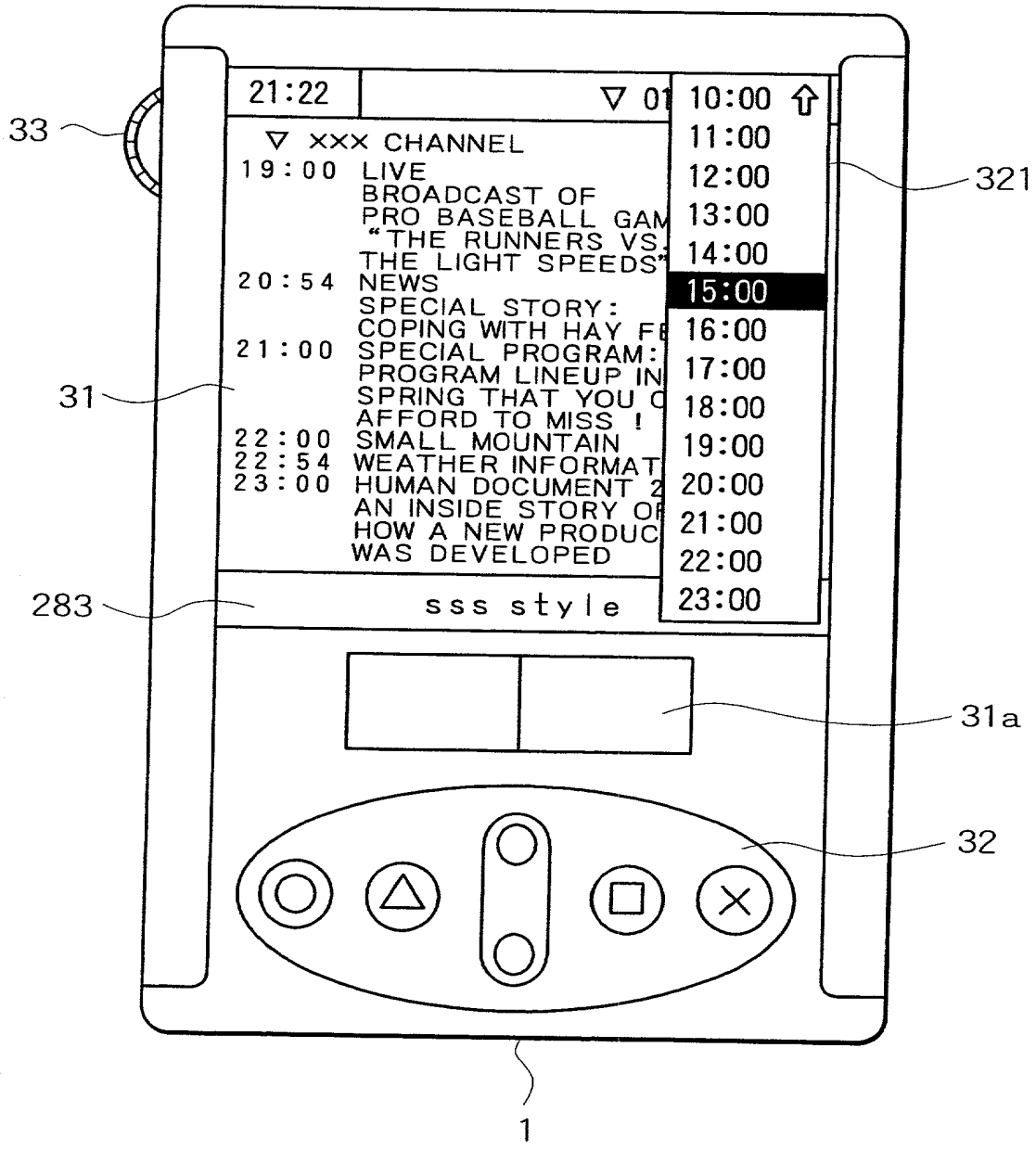

21:22
▽ 01
▽ XXX CHANNEL
19:00 LIVE
BROADCAST OF
PRO BASEBALL GAM
"THE RUNNERS VS.
THE LIGHT SPEEDS"
20:54 NEWS
SPECIAL STORY:
COPING WITH HAY FE
21:00 SPECIAL PROGRAM:
PROGRAM LINEUP IN
SPRING THAT YOU C
AFFORD TO MISS !
22:00 SMALL MOUNTAIN
22:54 WEATHER INFORMAT
23:00 HUMAN DOCUMENT 2
AN INSIDE STORY OF
HOW A NEW PRODUC
WAS DEVELOPED
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
sss style
33
31
283
321
31a
32
1

FIG. 32

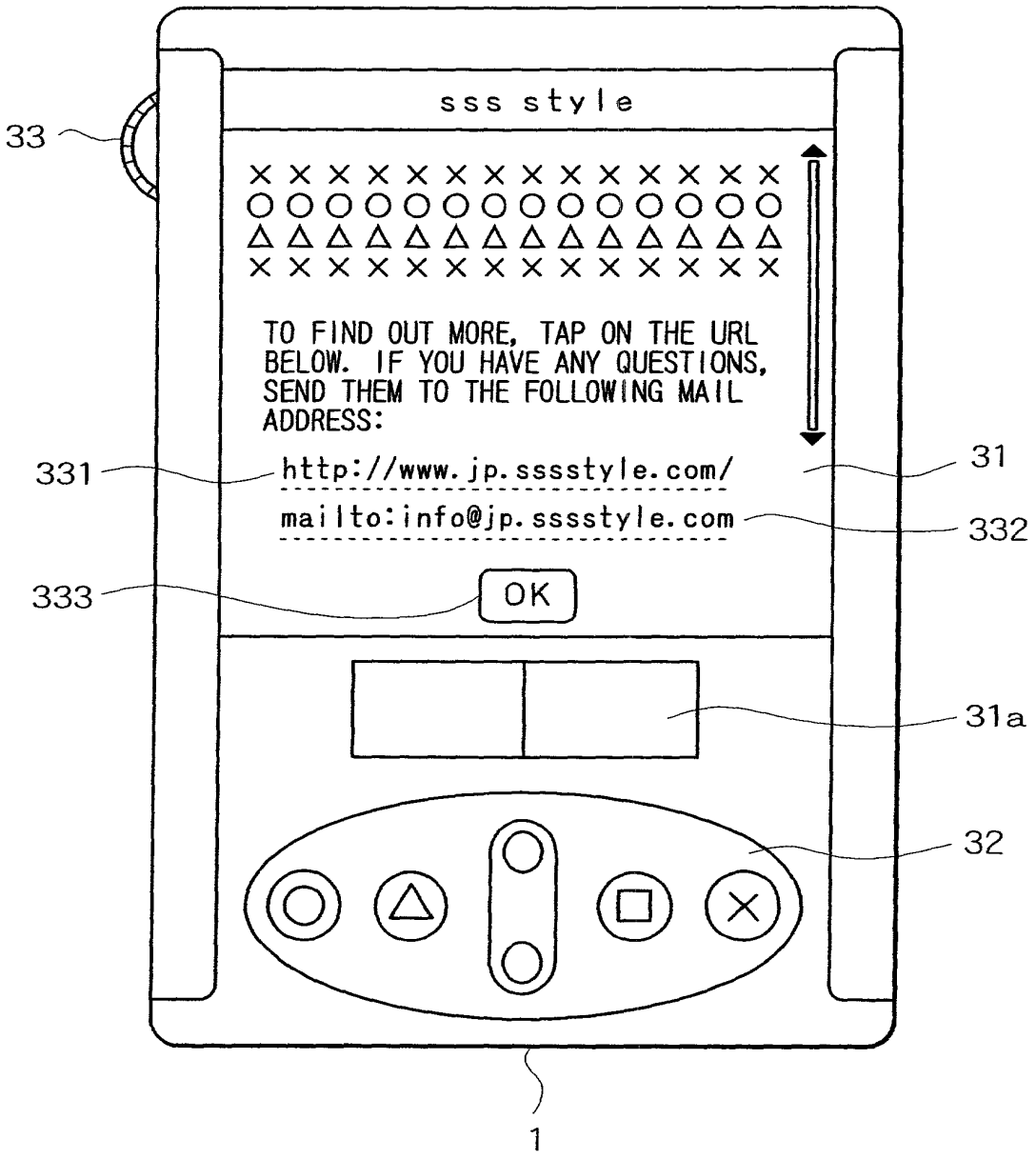

sss style
TO FIND OUT MORE, TAP ON THE URL BELOW. IF YOU HAVE ANY QUESTIONS, SEND THEM TO THE FOLLOWING MAIL ADDRESS:
http://www.jp.sssstyle.com/
mailto:info@jp.sssstyle.com
OK
33
331
31
332
333
31a
32
1

FIG. 33

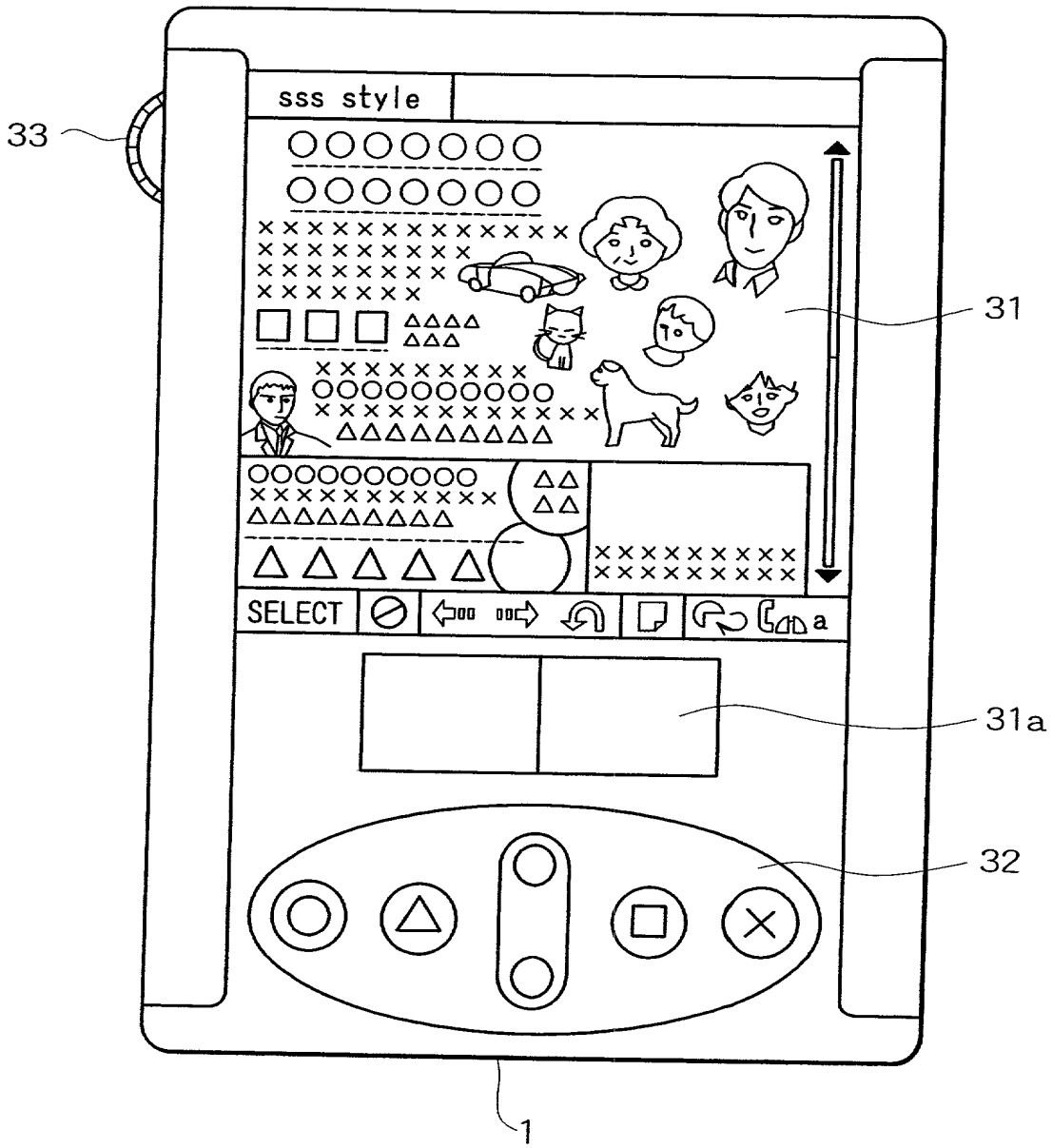


FIG. 34

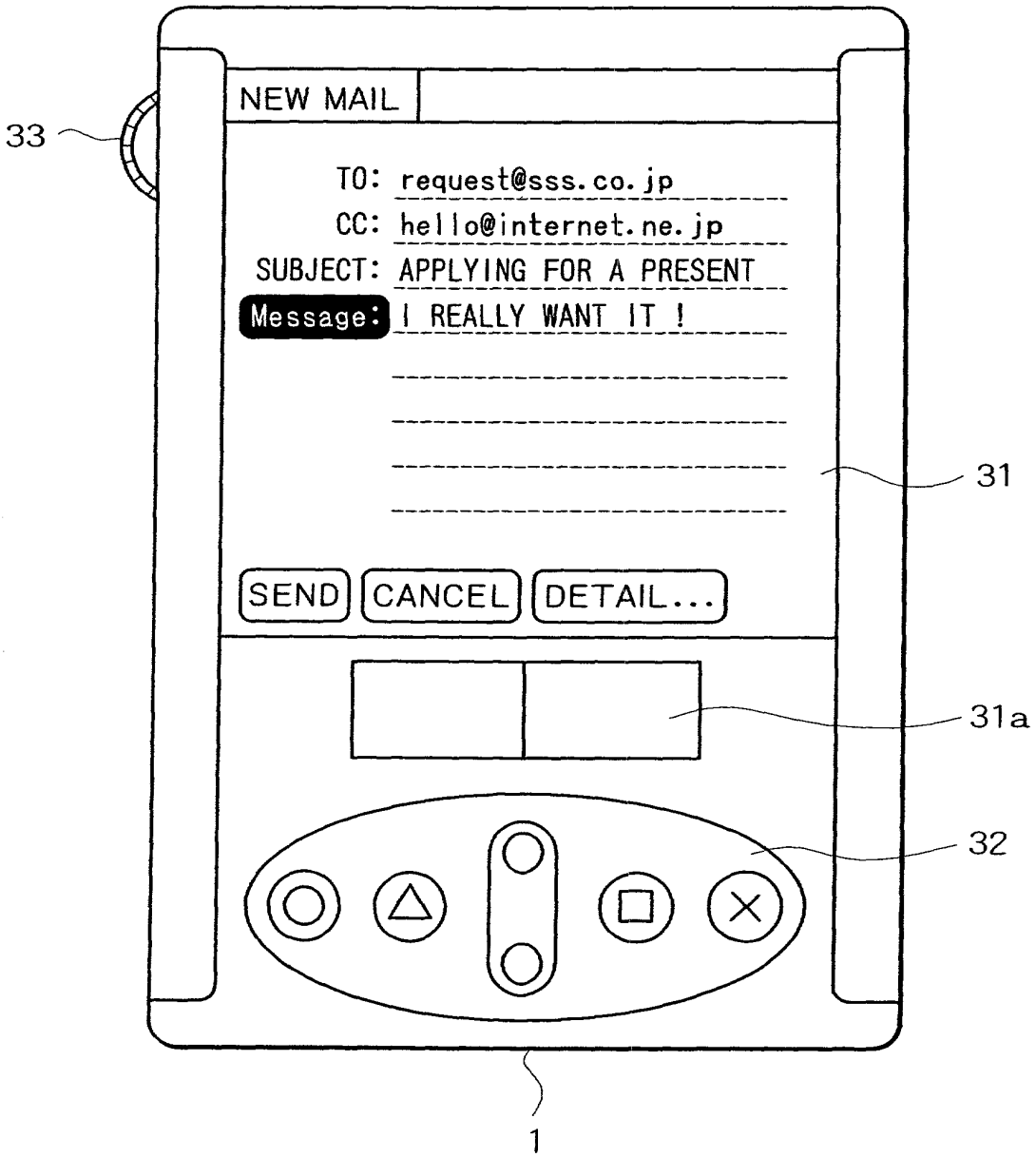

33
NEW MAIL
TO: request@sss.co.jp
CC: hello@internet.ne.jp
SUBJECT: APPLYING FOR A PRESENT
Message: I REALLY WANT IT !
SEND
CANCEL
DETAIL...
31
31a
32
1

FIG. 35

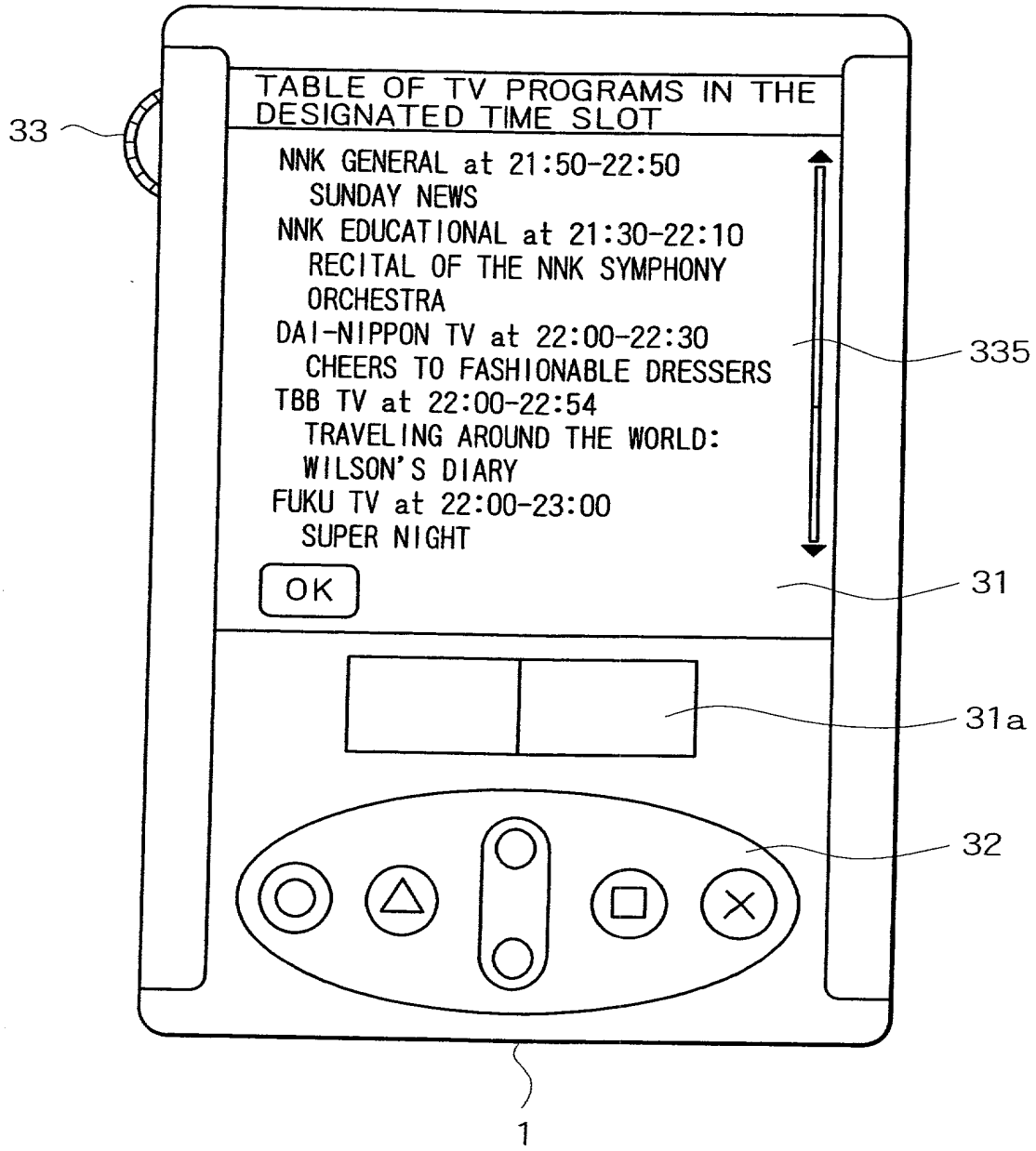


TABLE OF TV PROGRAMS IN THE DESIGNATED TIME SLOT
NNK GENERAL at 21:50-22:50
SUNDAY NEWS
NNK EDUCATIONAL at 21:30-22:10
RECITAL OF THE NNK SYMPHONY ORCHESTRA
DAI-NIPPON TV at 22:00-22:30
CHEERS TO FASHIONABLE DRESSERS
TBB TV at 22:00-22:54
TRAVELING AROUND THE WORLD: WILSON'S DIARY
FUKU TV at 22:00-23:00
SUPER NIGHT
OK
33
335
31
31a
32
1

FIG. 36

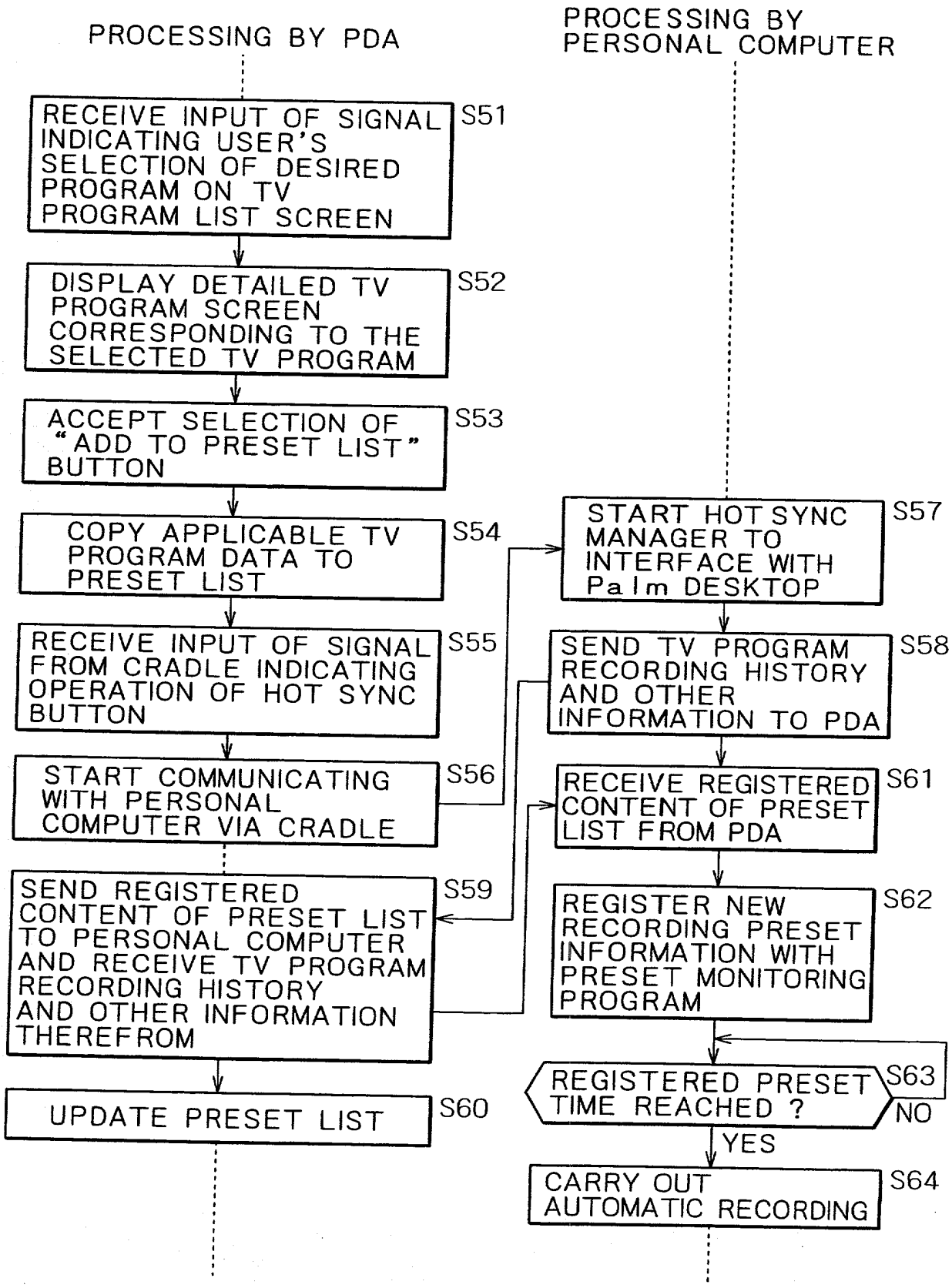

PROCESSING BY PDA
PROCESSING BY PERSONAL COMPUTER
RECEIVE INPUT OF SIGNAL INDICATING USER'S SELECTION OF DESIRED PROGRAM ON TV PROGRAM LIST SCREEN
S51
DISPLAY DETAILED TV PROGRAM SCREEN CORRESPONDING TO THE SELECTED TV PROGRAM
S52
ACCEPT SELECTION OF "ADD TO PRESET LIST" BUTTON
S53
COPY APPLICABLE TV PROGRAM DATA TO PRESET LIST
S54
RECEIVE INPUT OF SIGNAL FROM CRADLE INDICATING OPERATION OF HOT SYNC BUTTON
S55
START COMMUNICATING WITH PERSONAL COMPUTER VIA CRADLE
S56
SEND REGISTERED CONTENT OF PRESET LIST TO PERSONAL COMPUTER AND RECEIVE TV PROGRAM RECORDING HISTORY AND OTHER INFORMATION THEREFROM
S59
UPDATE PRESET LIST
S60
START HOT SYNC MANAGER TO INTERFACE WITH Palm DESKTOP
S57
SEND TV PROGRAM RECORDING HISTORY AND OTHER INFORMATION TO PDA
S58
RECEIVE REGISTERED CONTENT OF PRESET LIST FROM PDA
S61
REGISTER NEW RECORDING PRESET INFORMATION WITH PRESET MONITORING PROGRAM
S62
REGISTERED PRESET TIME REACHED ?
S63
NO
YES
CARRY OUT AUTOMATIC RECORDING
S64

FIG. 37

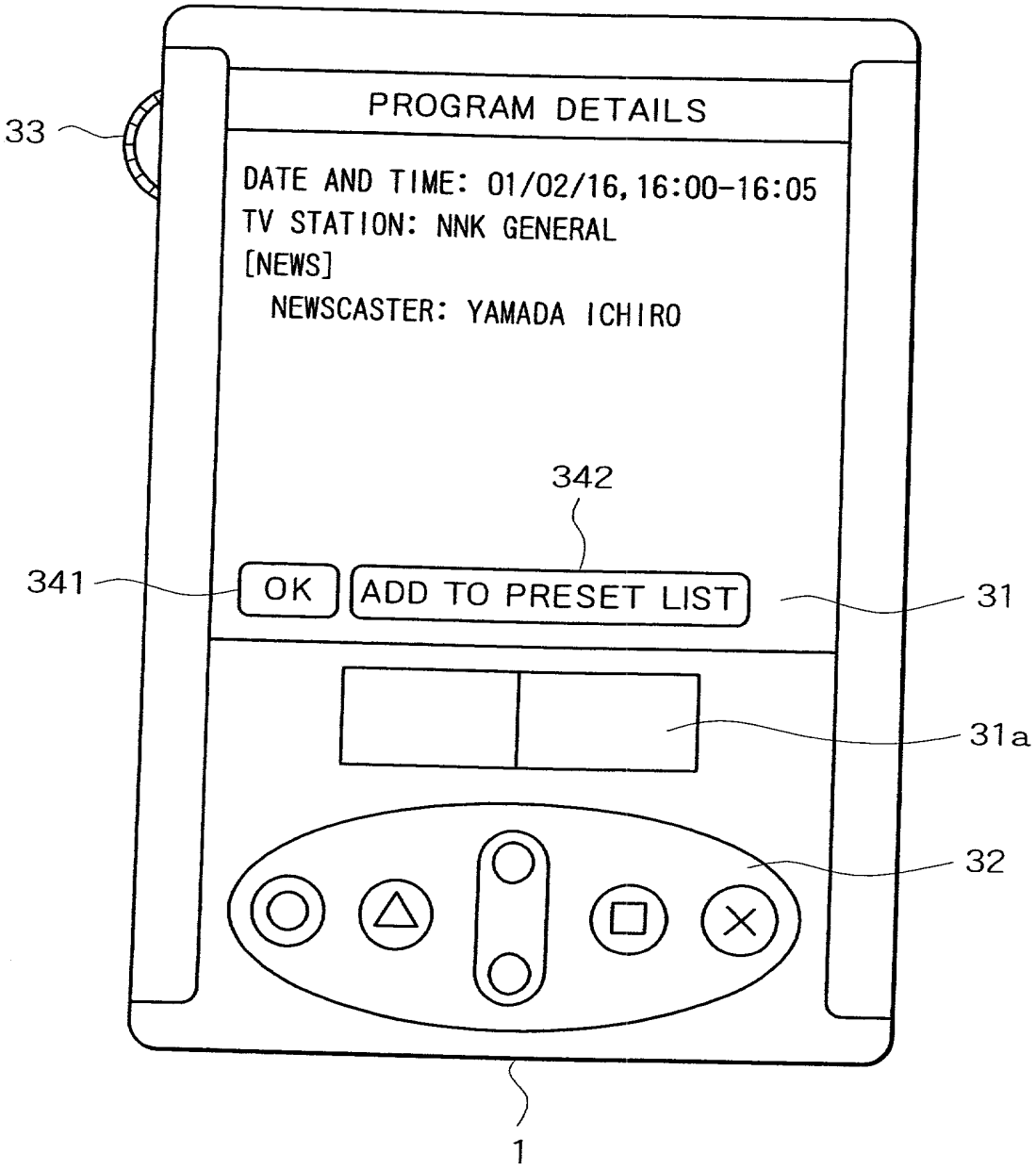

PROGRAM DETAILS
DATE AND TIME: 01/02/16, 16:00-16:05
TV STATION: NNK GENERAL
[NEWS]
NEWSCASTER: YAMADA ICHIRO
342
341
OK
ADD TO PRESET LIST
31
31a
32
33
1

FIG. 38

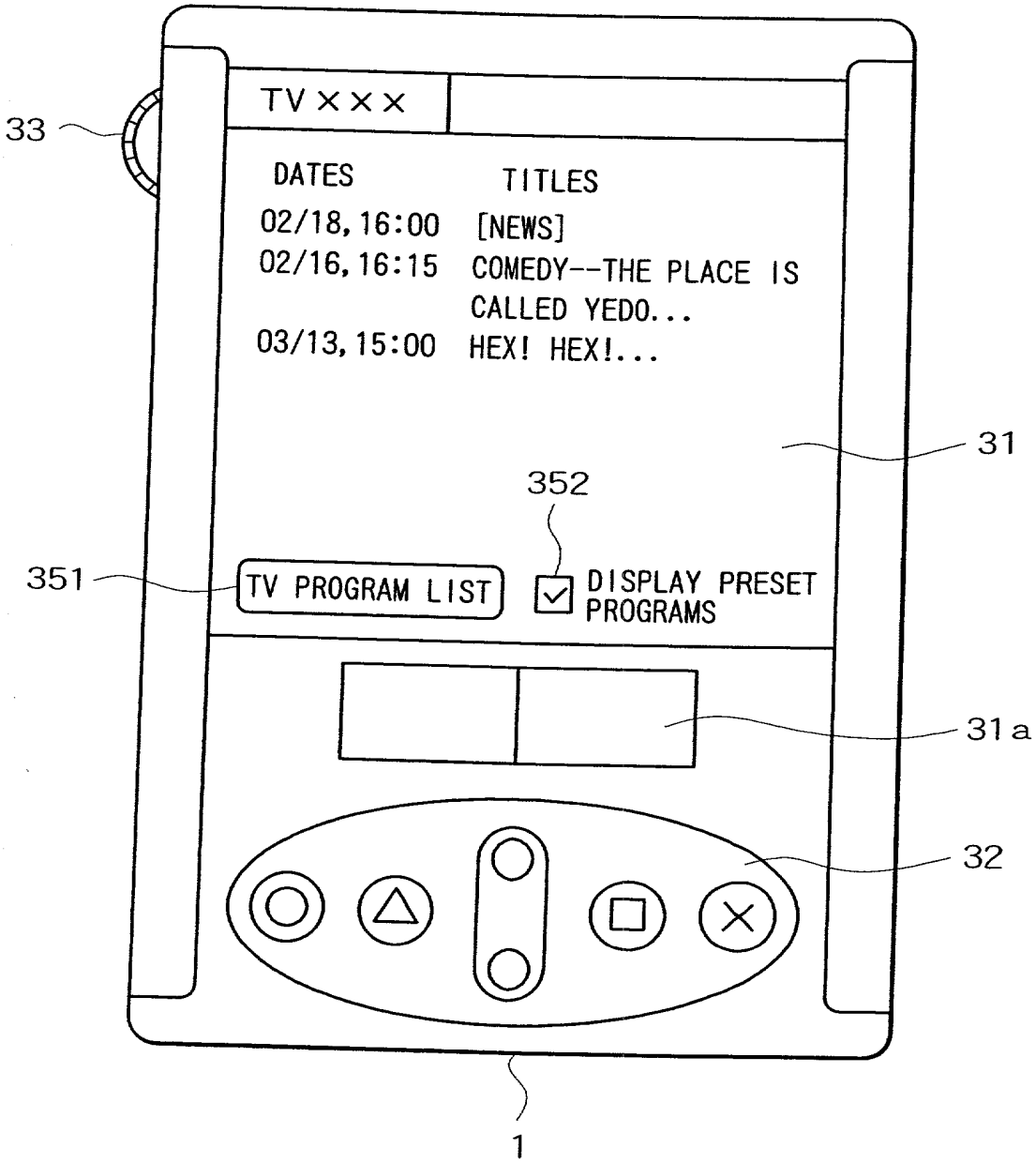

TV×××
DATES
TITLES
02/18, 16:00
[NEWS]
02/16, 16:15
COMEDY--THE PLACE IS CALLED YEDO...
03/13, 15:00
HEX! HEX!...
33
31
352
351
TV PROGRAM LIST
DISPLAY PRESET PROGRAMS
31a
32
1

FIG. 39

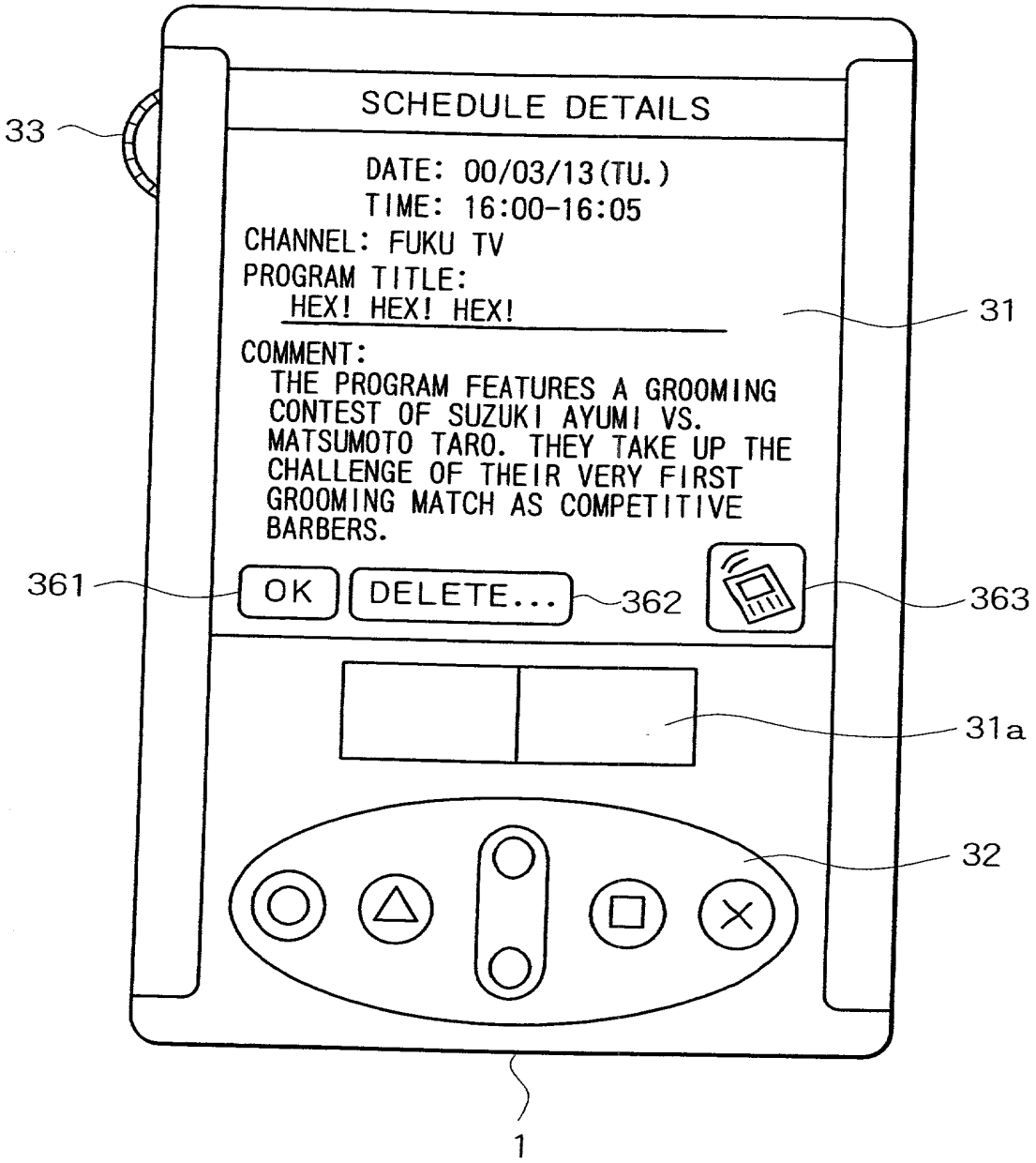

SCHEDULE DETAILS
DATE: 00/03/13(TU.)
TIME: 16:00-16:05
CHANNEL: FUKU TV
PROGRAM TITLE:
HEX! HEX! HEX!
COMMENT:
THE PROGRAM FEATURES A GROOMING CONTEST OF SUZUKI AYUMI VS. MATSUMOTO TARO. THEY TAKE UP THE CHALLENGE OF THEIR VERY FIRST GROOMING MATCH AS COMPETITIVE BARBERS.
OK
DELETE...
33
31
361
362
363
31a
32
1

FIG. 40

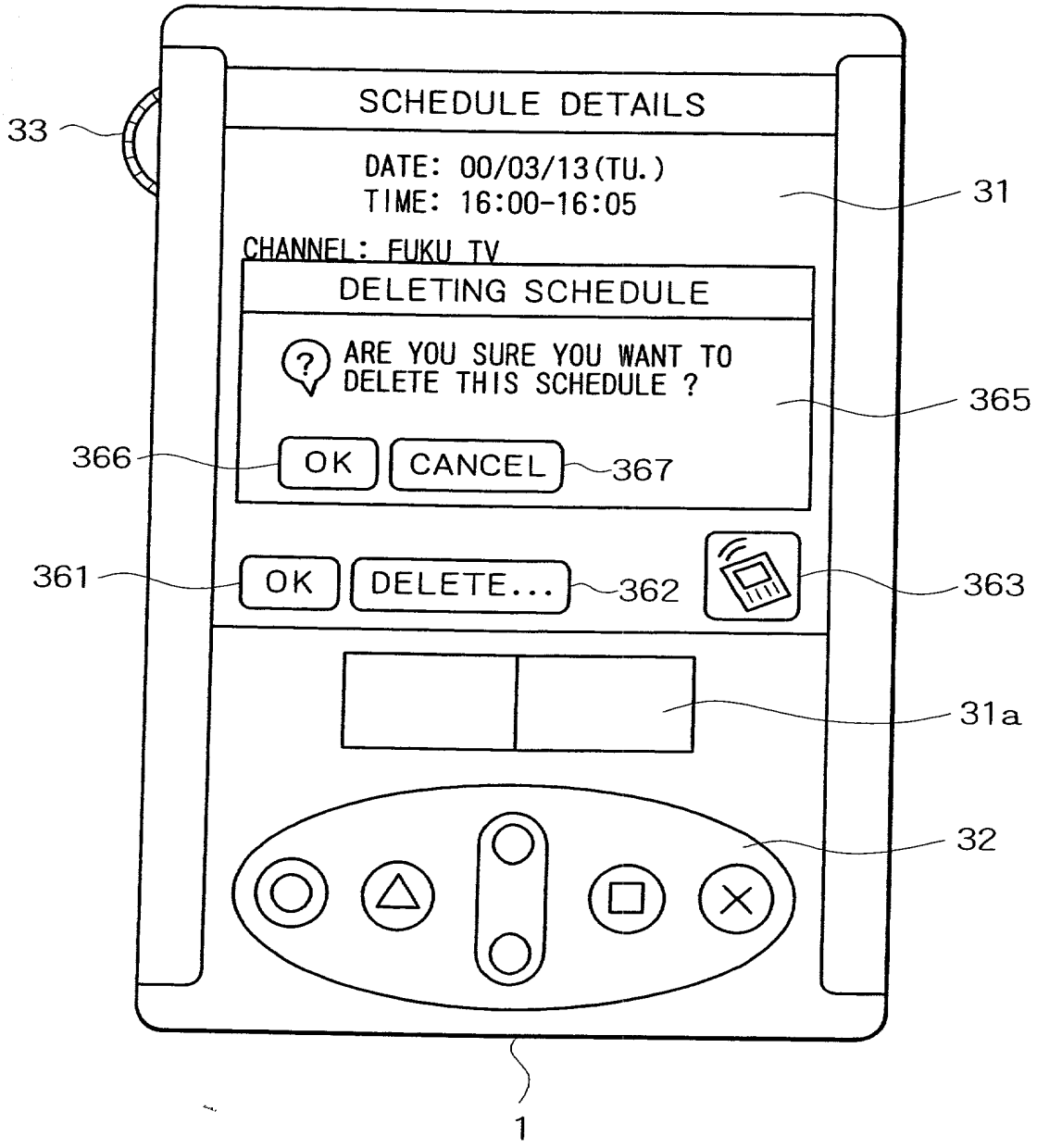

SCHEDULE DETAILS
DATE: 00/03/13(TU.)
TIME: 16:00-16:05
CHANNEL: FUKU TV
DELETING SCHEDULE
ARE YOU SURE YOU WANT TO DELETE THIS SCHEDULE ?
OK
CANCEL
OK
DELETE...
33
31
365
366
367
361
362
363
31a
32
1

FIG. 41

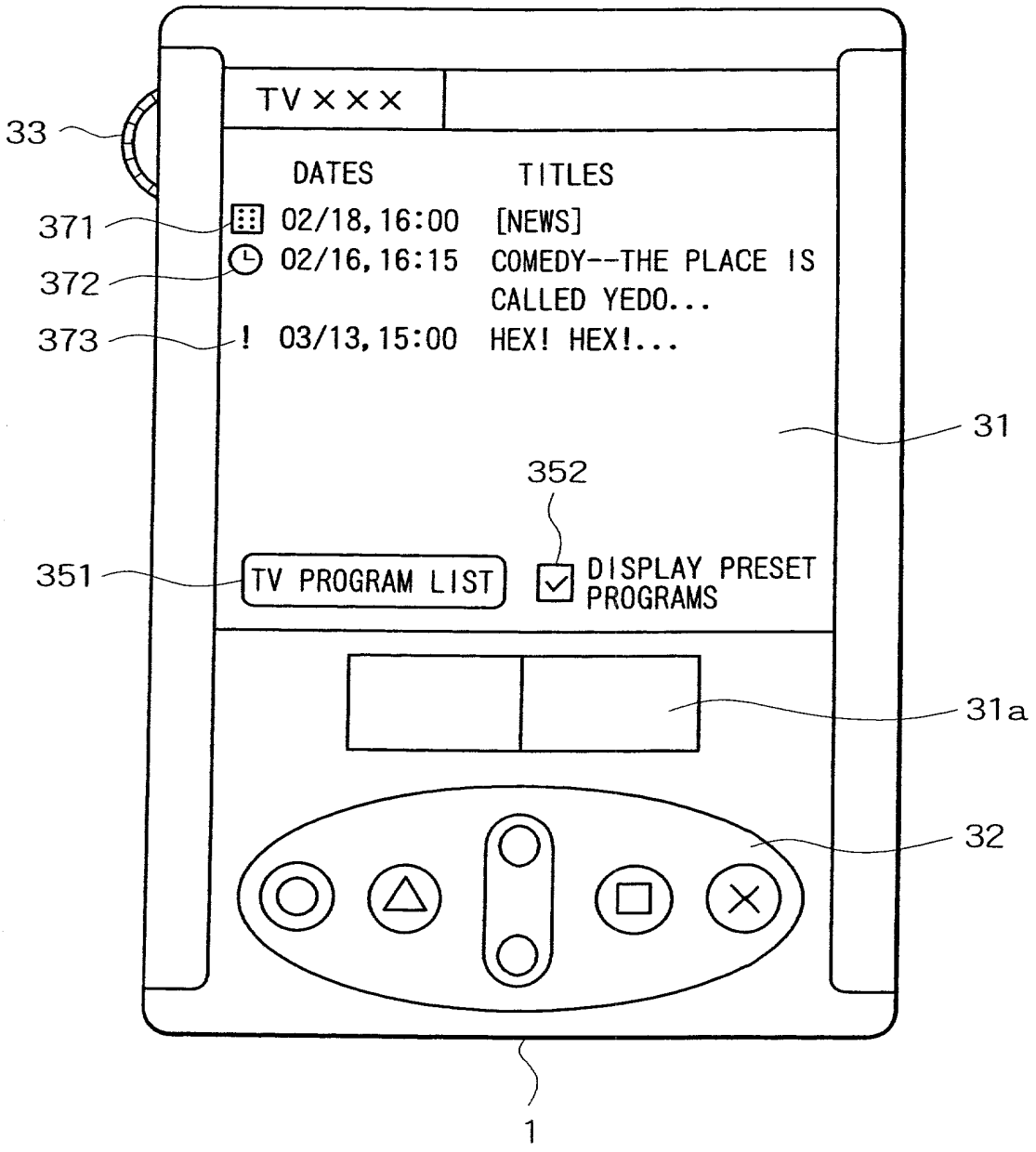

TV×××
33
DATES
TITLES
371
02/18, 16:00
[NEWS]
372
02/16, 16:15
COMEDY--THE PLACE IS CALLED YEDO...
373
!
03/13, 15:00
HEX! HEX!...
31
352
351
TV PROGRAM LIST
DISPLAY PRESET PROGRAMS
31a
32
1

FIG. 42

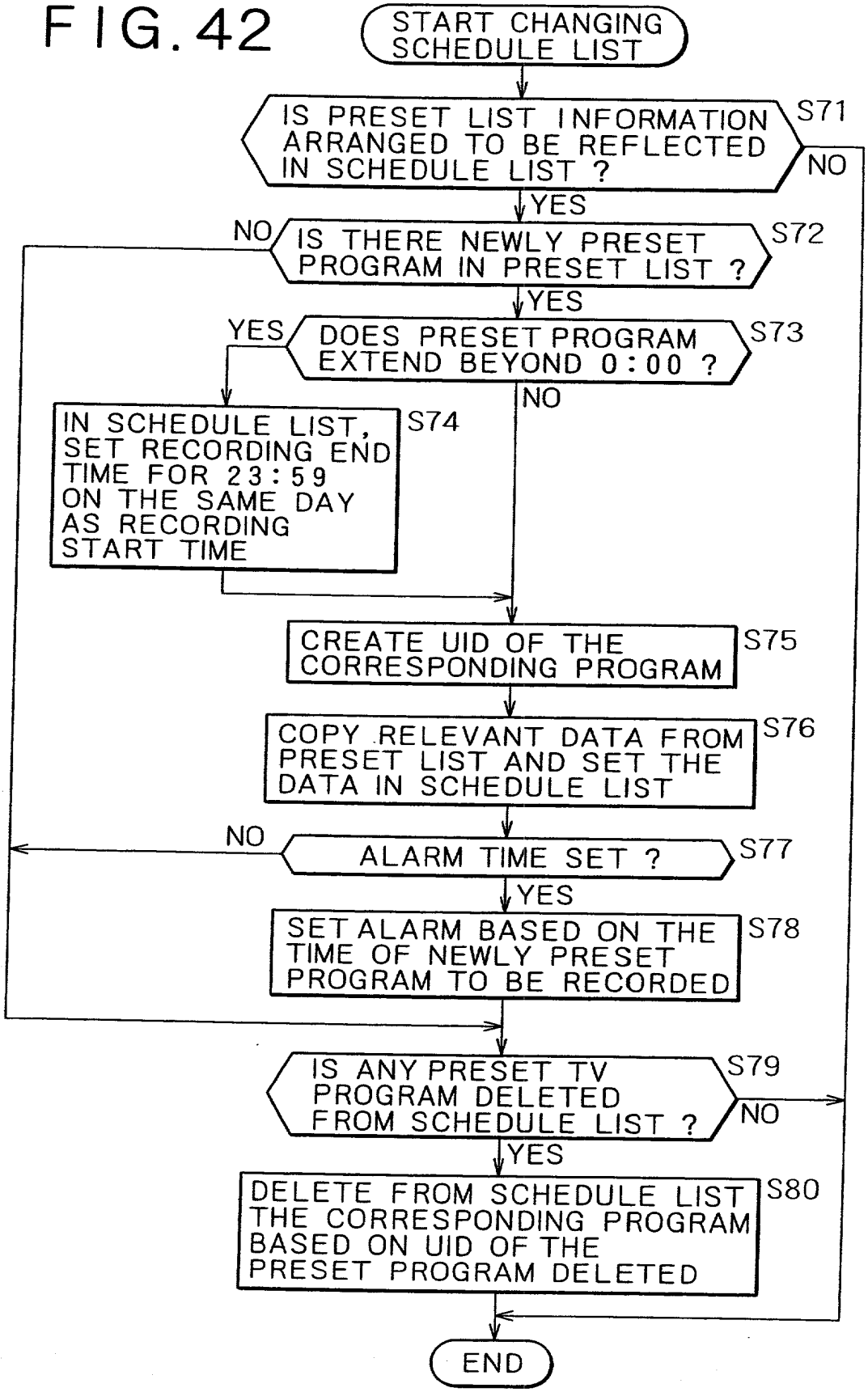

START CHANGING SCHEDULE LIST
IS PRESET LIST INFORMATION ARRANGED TO BE REFLECTED IN SCHEDULE LIST ?
S71
NO
YES
NO
IS THERE NEWLY PRESET PROGRAM IN PRESET LIST ?
S72
YES
YES
DOES PRESET PROGRAM EXTEND BEYOND 0:00 ?
S73
NO
IN SCHEDULE LIST, SET RECORDING END TIME FOR 23:59 ON THE SAME DAY AS RECORDING START TIME
S74
CREATE UID OF THE CORRESPONDING PROGRAM
S75
COPY RELEVANT DATA FROM PRESET LIST AND SET THE DATA IN SCHEDULE LIST
S76
NO
ALARM TIME SET ?
S77
YES
SET ALARM BASED ON THE TIME OF NEWLY PRESET PROGRAM TO BE RECORDED
S78
IS ANY PRESET TV PROGRAM DELETED FROM SCHEDULE LIST ?
S79
NO
YES
DELETE FROM SCHEDULE LIST THE CORRESPONDING PROGRAM BASED ON UID OF THE PRESET PROGRAM DELETED
S80
END

FIG. 43

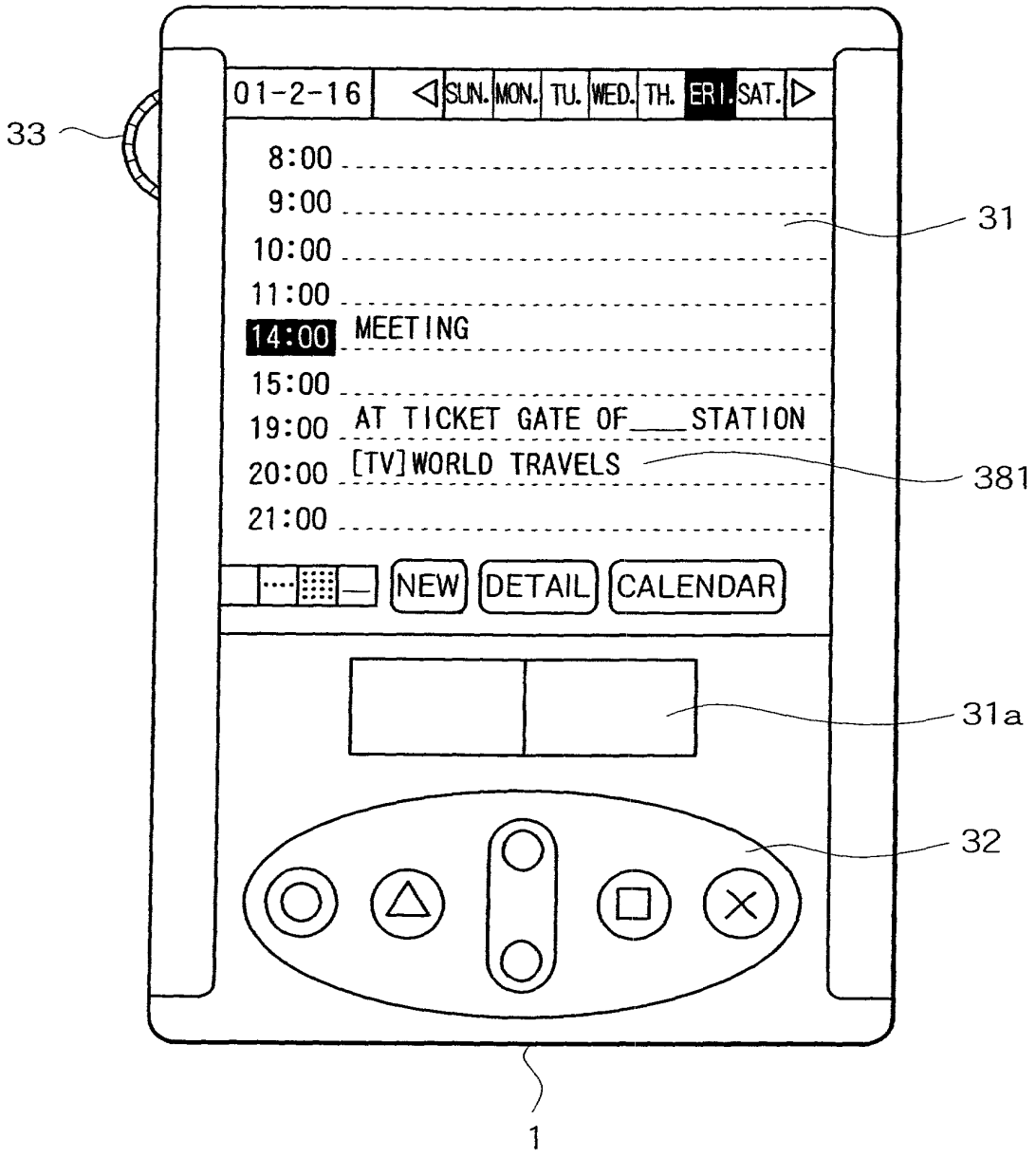

01-2-16
SUN. MON. TU. WED. TH. FRI. SAT.
8:00
9:00
10:00
11:00
14:00 MEETING
15:00
19:00 AT TICKET GATE OF___STATION
20:00 [TV]WORLD TRAVELS
21:00
NEW
DETAIL
CALENDAR
33
31
381
31a
32
1

FIG. 44

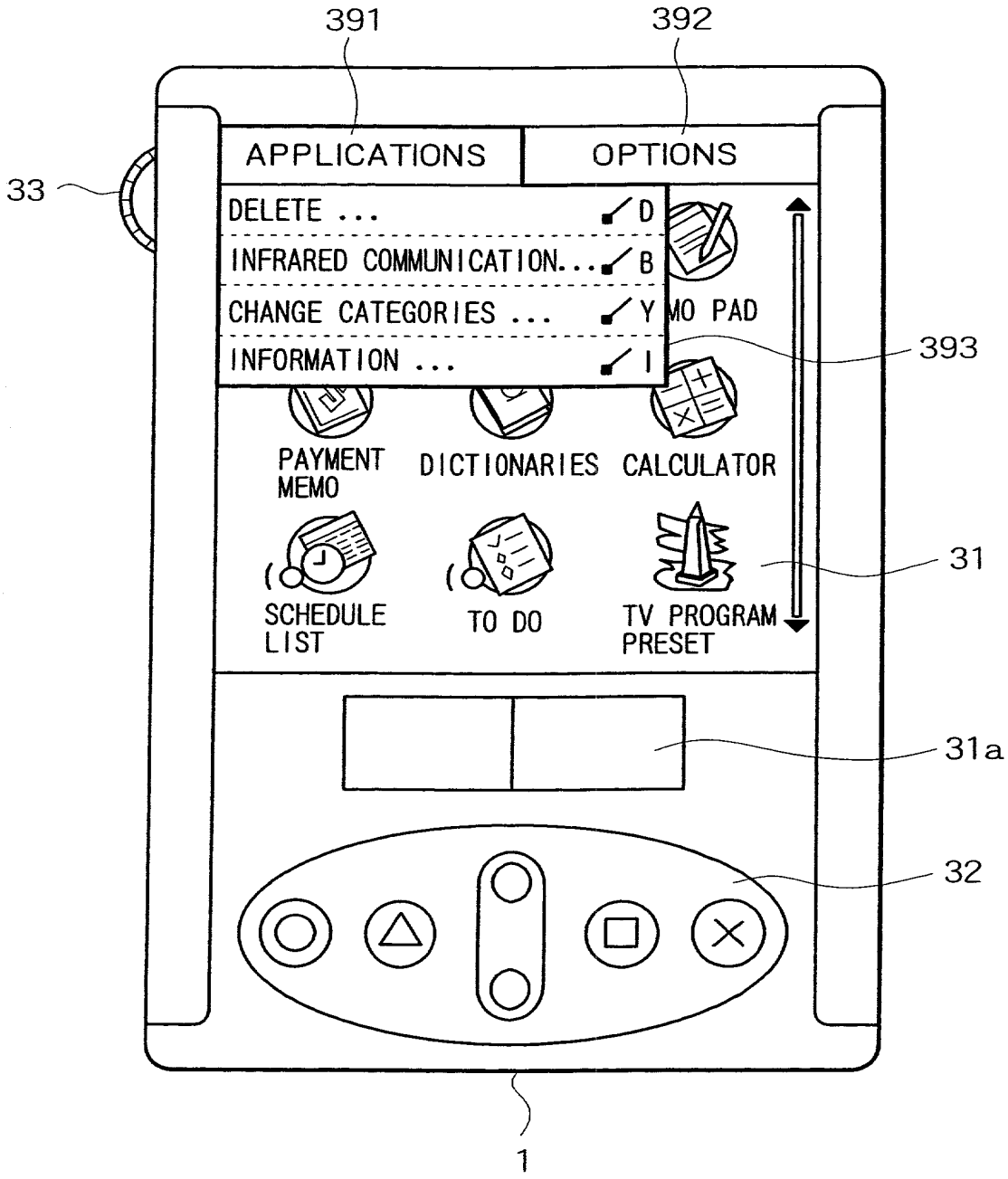

391
392
APPLICATIONS
OPTIONS
33
DELETE ... D
INFRARED COMMUNICATION... B
CHANGE CATEGORIES ... Y
INFORMATION ... I
MO PAD
393
PAYMENT MEMO
DICTIONARIES
CALCULATOR
SCHEDULE LIST
TO DO
TV PROGRAM PRESET
31
31a
32
1

FIG. 45

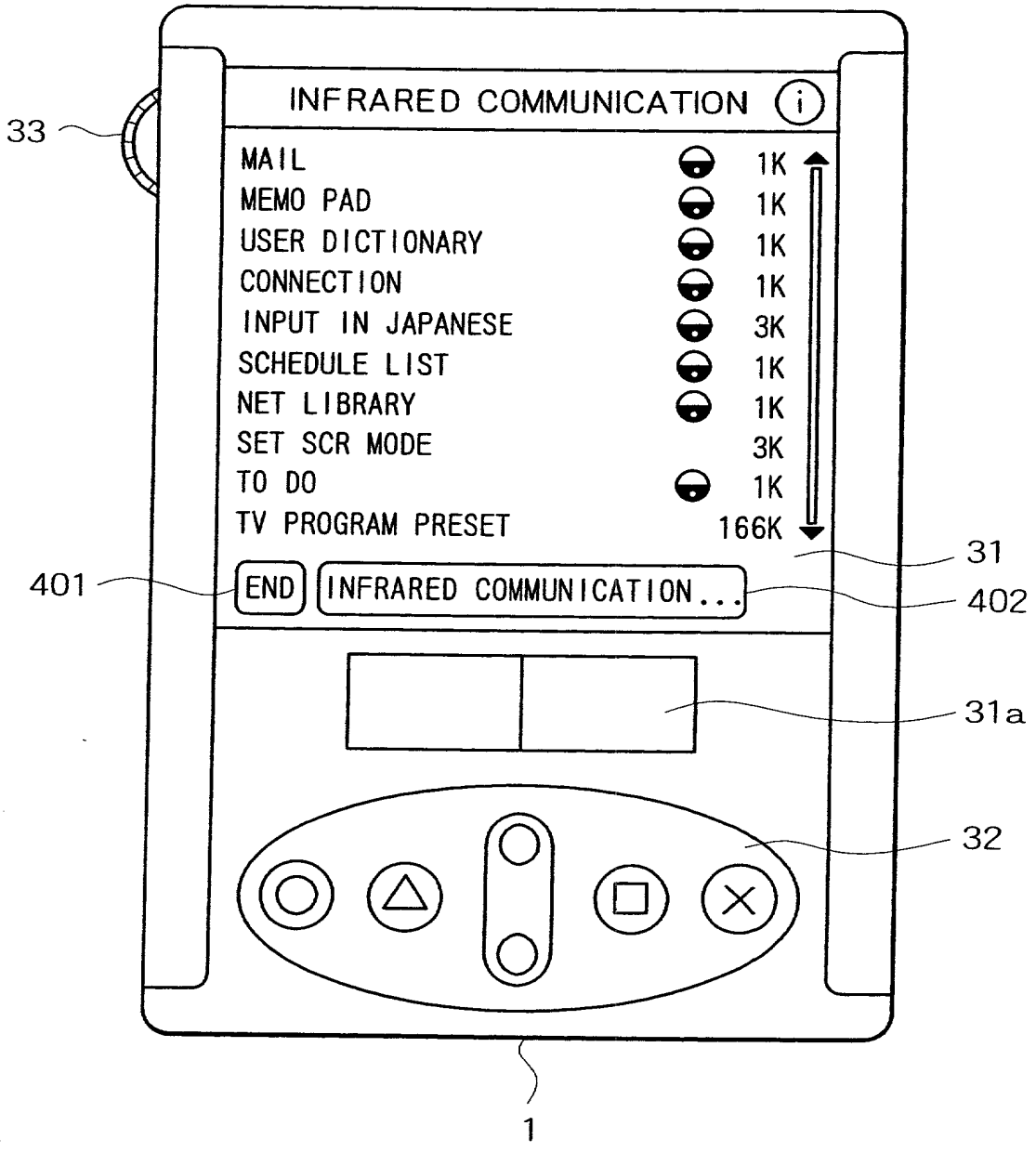

INFRARED COMMUNICATION
MAIL 1K
MEMO PAD 1K
USER DICTIONARY 1K
CONNECTION 1K
INPUT IN JAPANESE 3K
SCHEDULE LIST 1K
NET LIBRARY 1K
SET SCR MODE 3K
TO DO 1K
TV PROGRAM PRESET 166K
END
INFRARED COMMUNICATION...
33
401
31
402
31a
32
1

FIG. 46

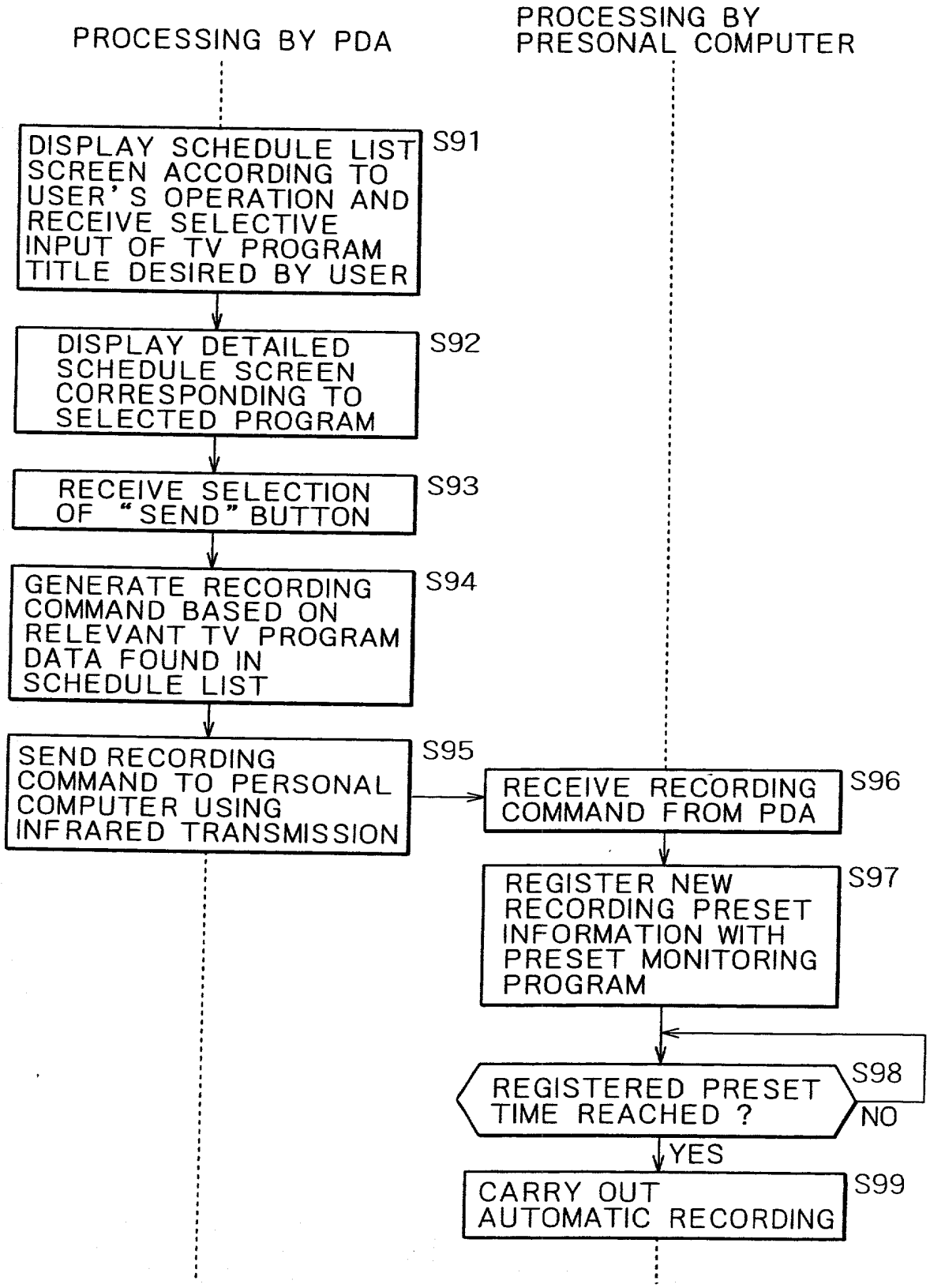

PROCESSING BY PDA
PROCESSING BY PRESONAL COMPUTER
DISPLAY SCHEDULE LIST SCREEN ACCORDING TO USER'S OPERATION AND RECEIVE SELECTIVE INPUT OF TV PROGRAM TITLE DESIRED BY USER
S91
DISPLAY DETAILED SCHEDULE SCREEN CORRESPONDING TO SELECTED PROGRAM
S92
RECEIVE SELECTION OF "SEND" BUTTON
S93
GENERATE RECORDING COMMAND BASED ON RELEVANT TV PROGRAM DATA FOUND IN SCHEDULE LIST
S94
SEND RECORDING COMMAND TO PERSONAL COMPUTER USING INFRARED TRANSMISSION
S95
RECEIVE RECORDING COMMAND FROM PDA
S96
REGISTER NEW RECORDING PRESET INFORMATION WITH PRESET MONITORING PROGRAM
S97
REGISTERED PRESET TIME REACHED ?
S98
NO
YES
CARRY OUT AUTOMATIC RECORDING
S99

FIG. 47

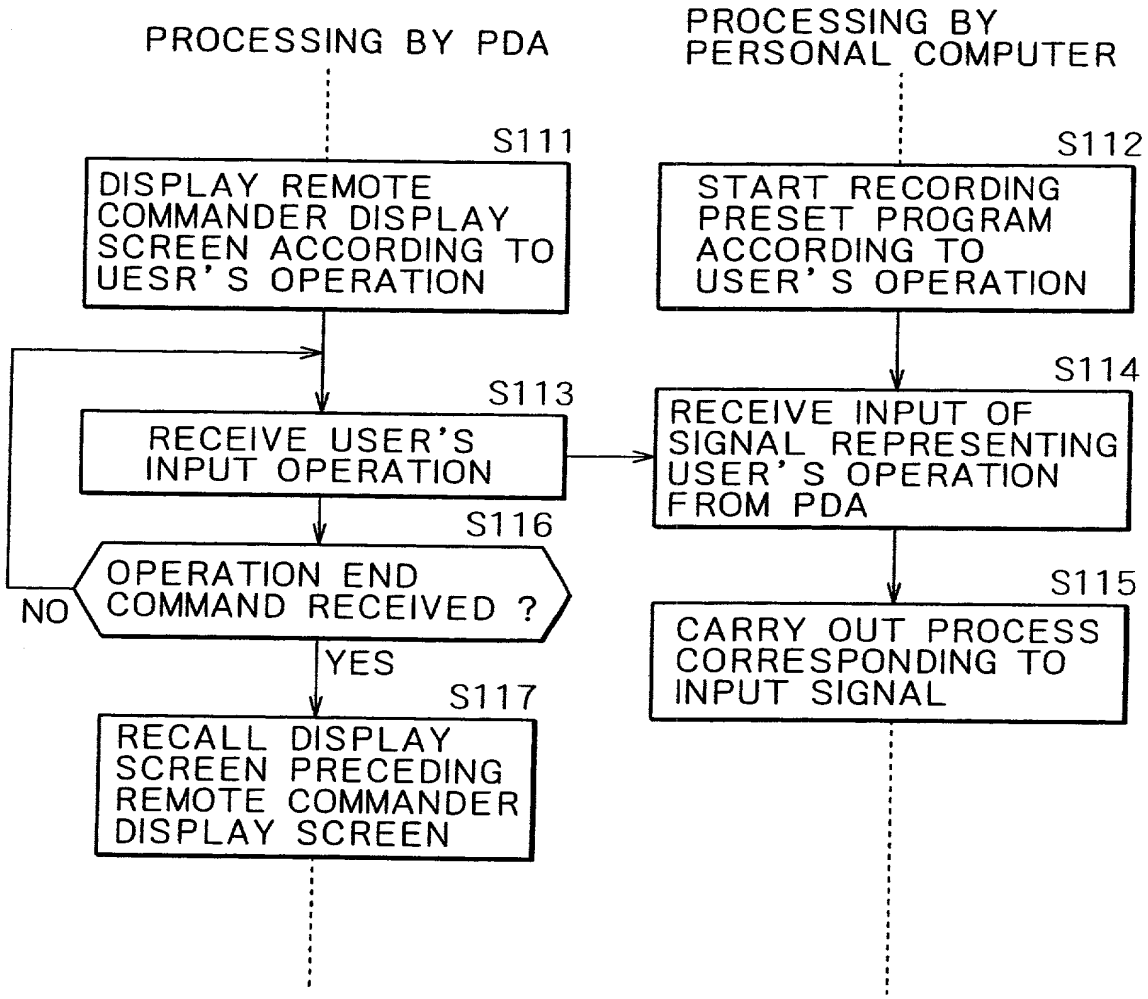

PROCESSING BY PDA
PROCESSING BY PERSONAL COMPUTER
S111
DISPLAY REMOTE COMMANDER DISPLAY SCREEN ACCORDING TO UESR'S OPERATION
S112
START RECORDING PRESET PROGRAM ACCORDING TO USER'S OPERATION
S113
RECEIVE USER'S INPUT OPERATION
S114
RECEIVE INPUT OF SIGNAL REPRESENTING USER'S OPERATION FROM PDA
S116
OPERATION END COMMAND RECEIVED ?
NO
YES
S115
CARRY OUT PROCESS CORRESPONDING TO INPUT SIGNAL
S117
RECALL DISPLAY SCREEN PRECEDING REMOTE COMMANDER DISPLAY SCREEN

FIG. 48

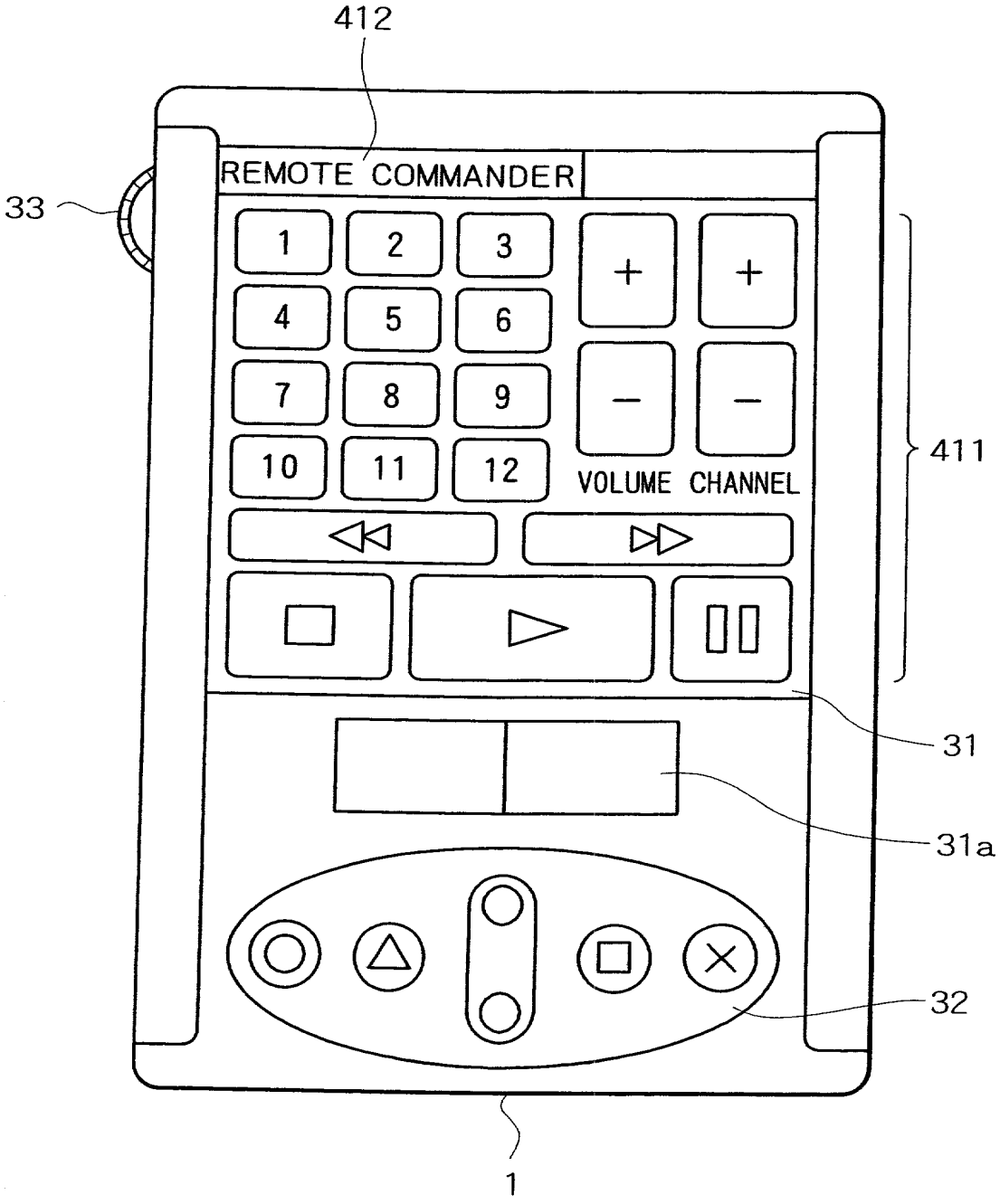
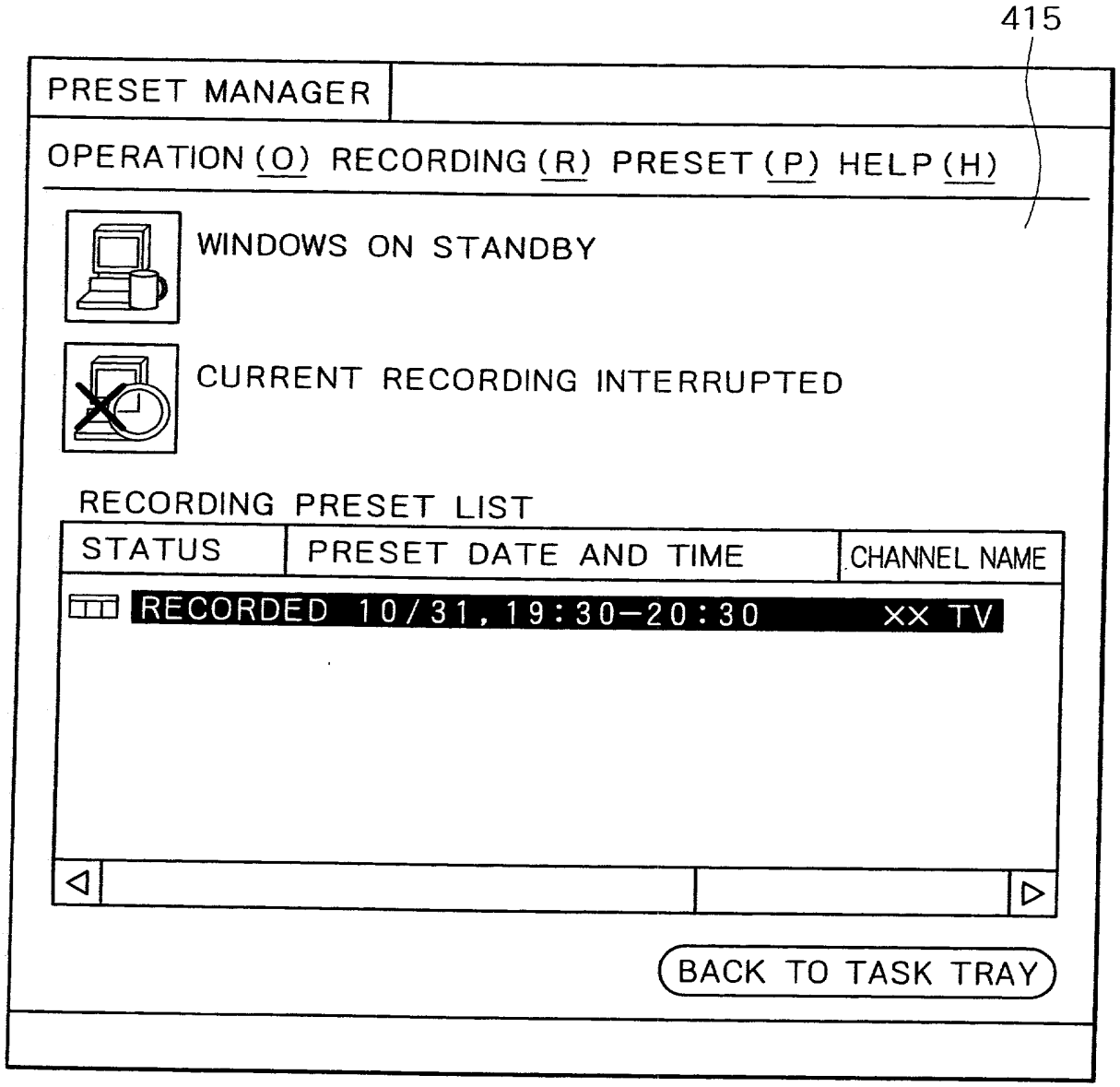

412
REMOTE COMMANDER
33
1
2
3
4
5
6
7
8
9
10
11
12
+
+
−
−
VOLUME
CHANNEL
411
31
31a
32
1

FIG. 49


415
PRESET MANAGER
OPERATION (O) RECORDING (R) PRESET (P) HELP (H)
WINDOWS ON STANDBY
CURRENT RECORDING INTERRUPTED
RECORDING PRESET LIST
STATUS
PRESET DATE AND TIME
CHANNEL NAME
RECORDED 10/31, 19:30-20:30 XX TV
BACK TO TASK TRAY

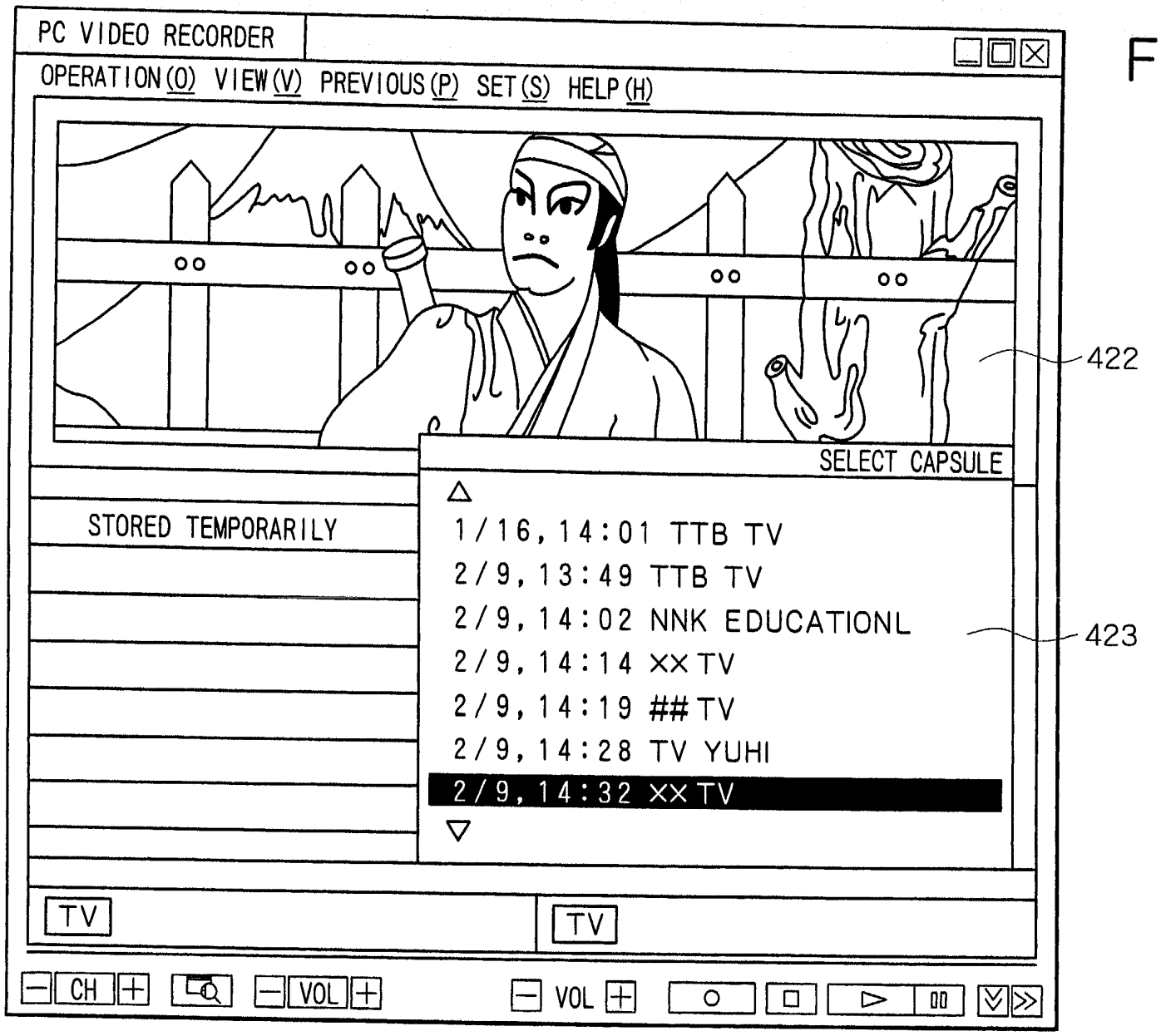

PC VIDEO RECORDER
OPERATION(O) VIEW(V) PREVIOUS(P) SET(S) HELP(H)
422
SELECT CAPSULE
STORED TEMPORARILY
1/16,14:01 TTB TV
2/9,13:49 TTB TV
2/9,14:02 NNK EDUCATIONL
2/9,14:14 ×× TV
2/9,14:19 ## TV
2/9,14:28 TV YUHI
2/9,14:32 ×× TV
423
TV
TV
CH
VOL
VOL

FIG. 50

FIG. 51

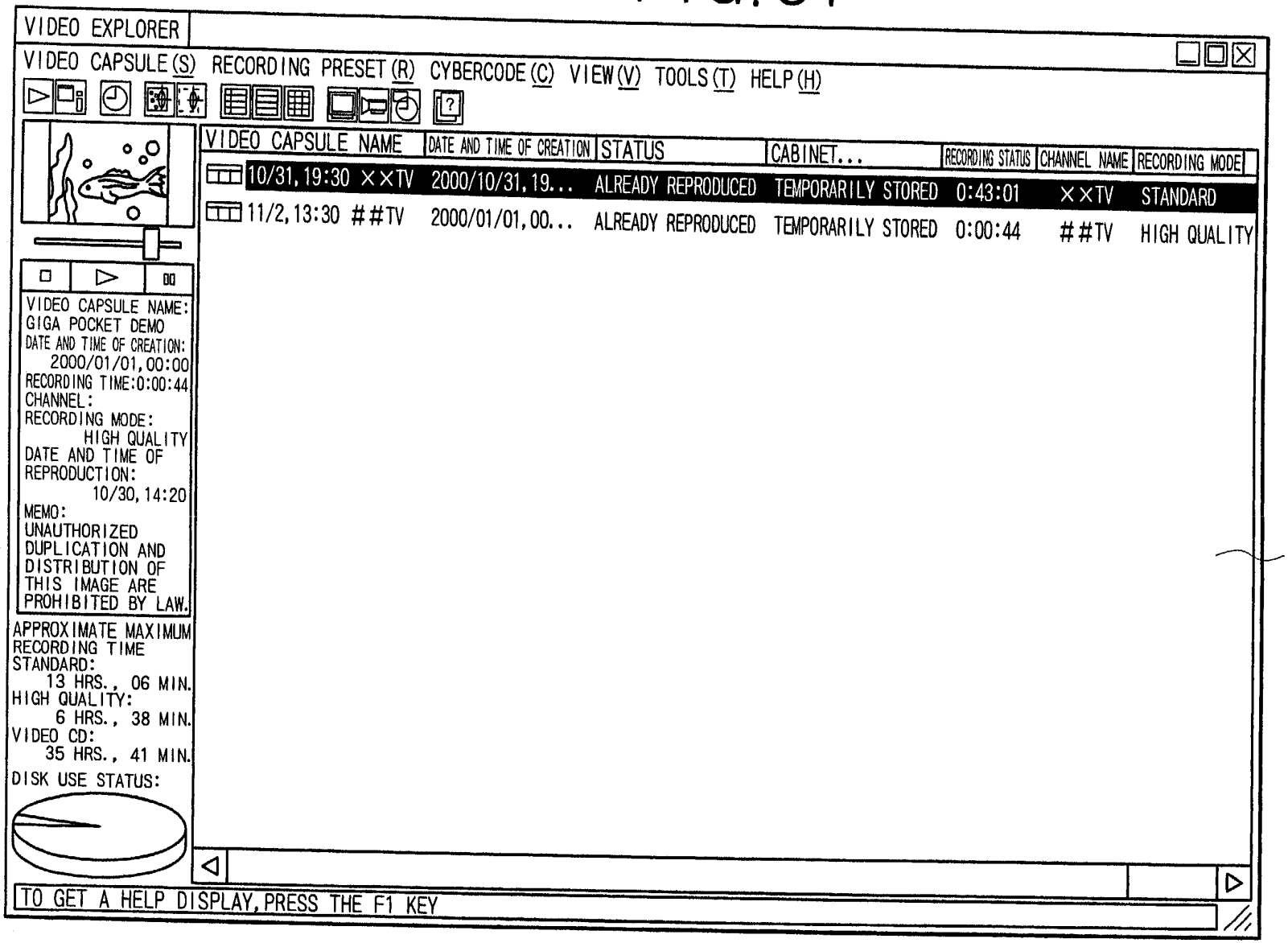

VIDEO EXPLORER
VIDEO CAPSULE(S) RECORDING PRESET(R) CYBERCODE(C) VIEW(V) TOOLS(T) HELP(H)
VIDEO CAPSULE NAME
DATE AND TIME OF CREATION
STATUS
CABINET...
RECORDING STATUS
CHANNEL NAME
RECORDING MODE
10/31,19:30 ××TV 2000/10/31,19... ALREADY REPRODUCED TEMPORARILY STORED 0:43:01 ××TV STANDARD
11/2,13:30 ##TV 2000/01/01,00... ALREADY REPRODUCED TEMPORARILY STORED 0:00:44 ##TV HIGH QUALITY
VIDEO CAPSULE NAME:
GIGA POCKET DEMO
DATE AND TIME OF CREATION:
2000/01/01,00:00
RECORDING TIME:0:00:44
CHANNEL:
RECORDING MODE:
HIGH QUALITY
DATE AND TIME OF REPRODUCTION:
10/30,14:20
MEMO:
UNAUTHORIZED DUPLICATION AND DISTRIBUTION OF THIS IMAGE ARE PROHIBITED BY LAW.
APPROXIMATE MAXIMUM RECORDING TIME
STANDARD:
13 HRS., 06 MIN.
HIGH QUALITY:
6 HRS., 38 MIN.
VIDEO CD:
35 HRS., 41 MIN.
DISK USE STATUS:
TO GET A HELP DISPLAY, PRESS THE F1 KEY
431

FIG. 52

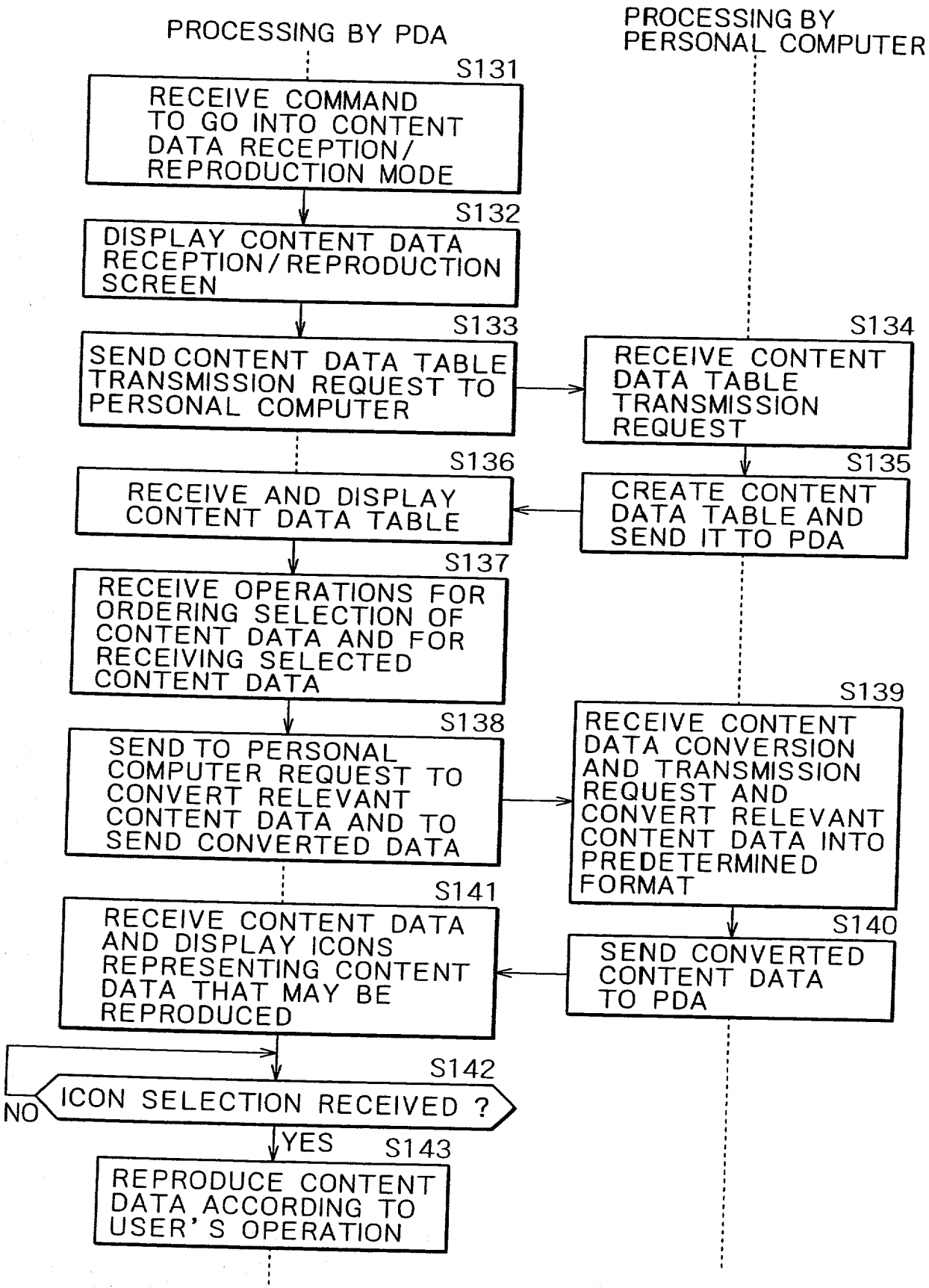

PROCESSING BY PDA
PROCESSING BY PERSONAL COMPUTER
S131
RECEIVE COMMAND TO GO INTO CONTENT DATA RECEPTION/ REPRODUCTION MODE
S132
DISPLAY CONTENT DATA RECEPTION/REPRODUCTION SCREEN
S133
SEND CONTENT DATA TABLE TRANSMISSION REQUEST TO PERSONAL COMPUTER
S134
RECEIVE CONTENT DATA TABLE TRANSMISSION REQUEST
S135
CREATE CONTENT DATA TABLE AND SEND IT TO PDA
S136
RECEIVE AND DISPLAY CONTENT DATA TABLE
S137
RECEIVE OPERATIONS FOR ORDERING SELECTION OF CONTENT DATA AND FOR RECEIVING SELECTED CONTENT DATA
S138
SEND TO PERSONAL COMPUTER REQUEST TO CONVERT RELEVANT CONTENT DATA AND TO SEND CONVERTED DATA
S139
RECEIVE CONTENT DATA CONVERSION AND TRANSMISSION REQUEST AND CONVERT RELEVANT CONTENT DATA INTO PREDETERMINED FORMAT
S140
SEND CONVERTED CONTENT DATA TO PDA
S141
RECEIVE CONTENT DATA AND DISPLAY ICONS REPRESENTING CONTENT DATA THAT MAY BE REPRODUCED
S142
ICON SELECTION RECEIVED ?
NO
YES
S143
REPRODUCE CONTENT DATA ACCORDING TO USER'S OPERATION

FIG. 53

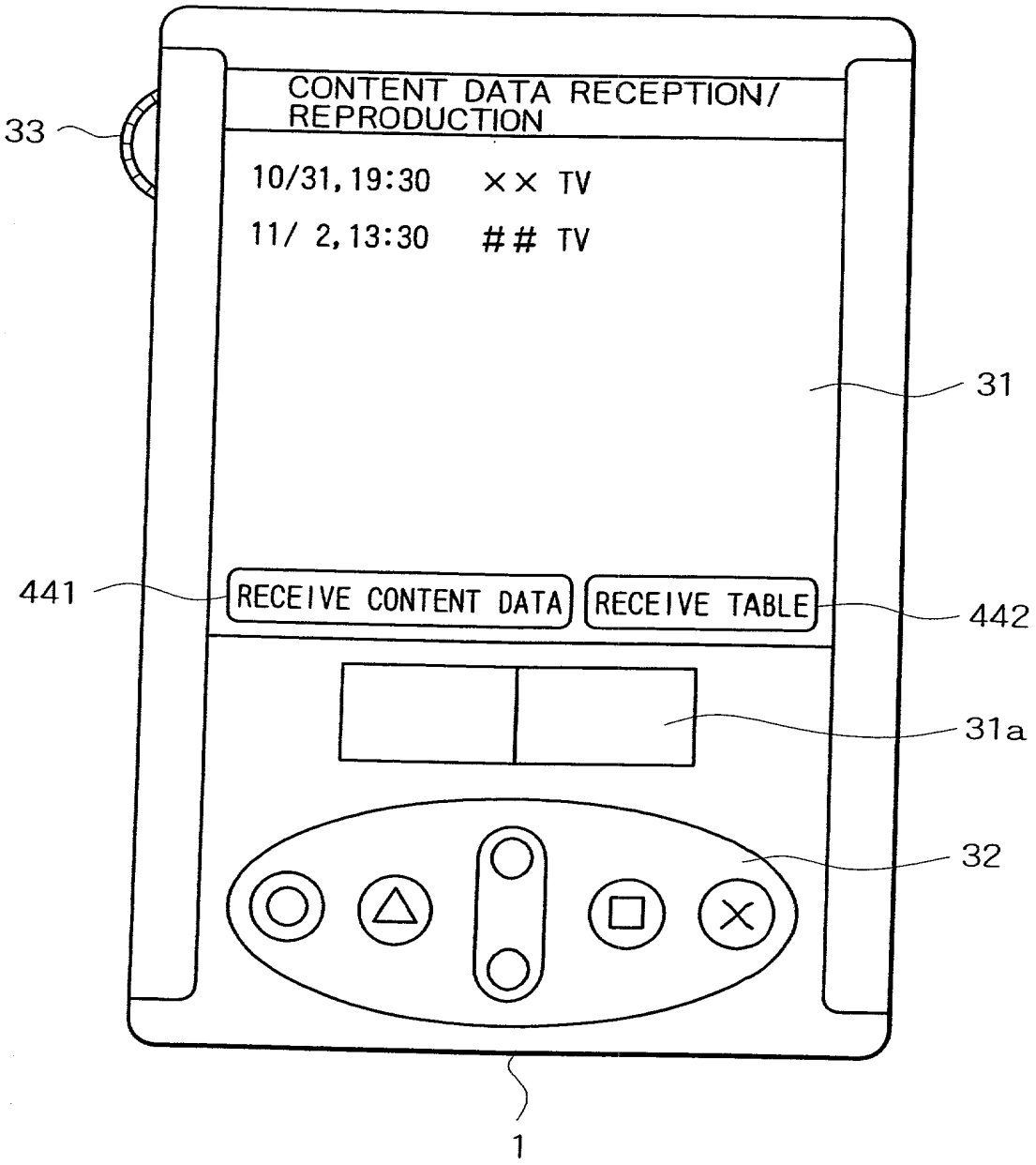

CONTENT DATA RECEPTION/
REPRODUCTION
10/31, 19:30 ×× TV
11/ 2, 13:30 ## TV
RECEIVE CONTENT DATA
RECEIVE TABLE
33
31
441
442
31a
32
1

FIG. 54

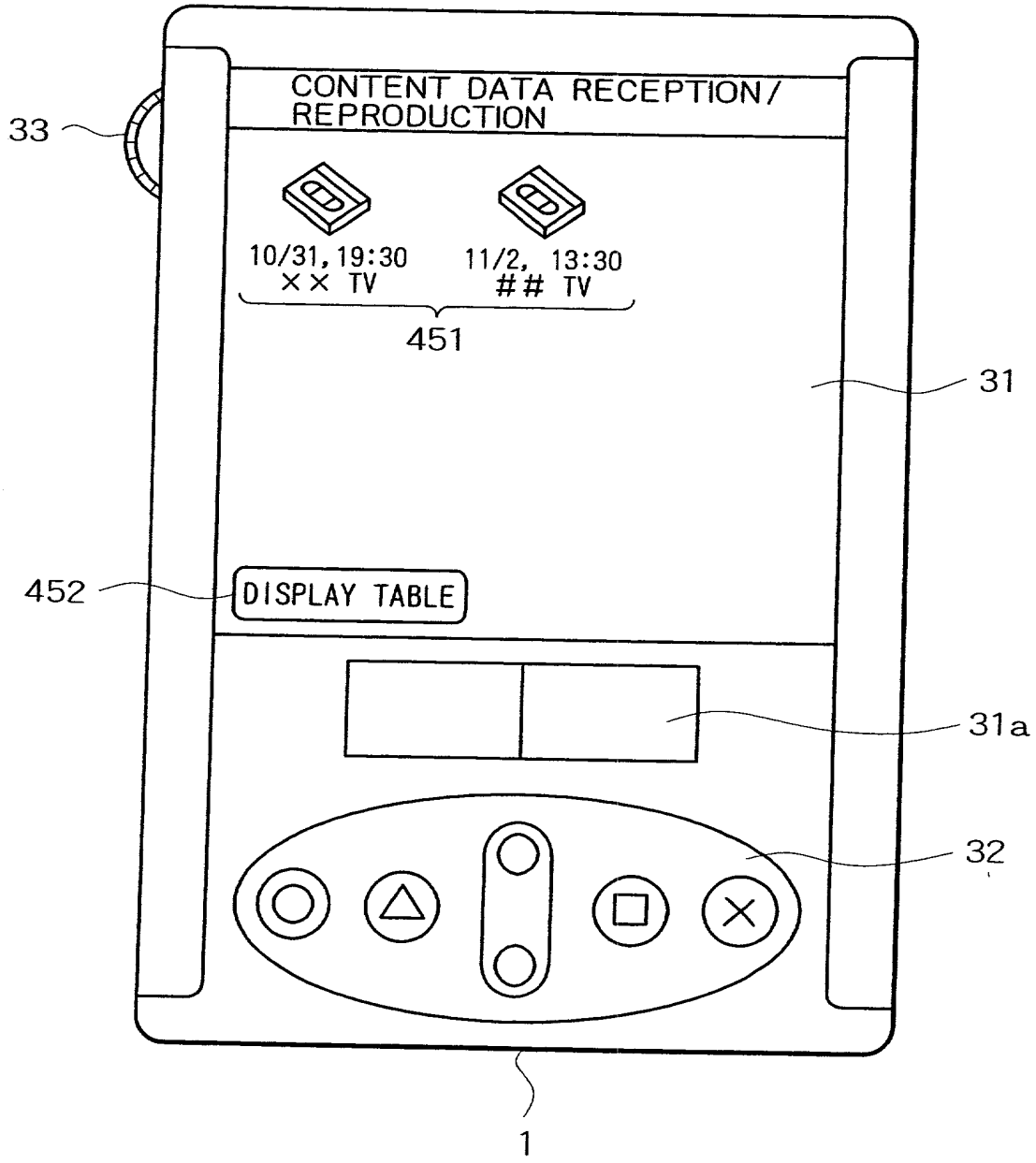

CONTENT DATA RECEPTION/
REPRODUCTION
33
10/31, 19:30
×× TV
11/2, 13:30
TV
451
31
452
DISPLAY TABLE
31a
32
1

FIG. 55

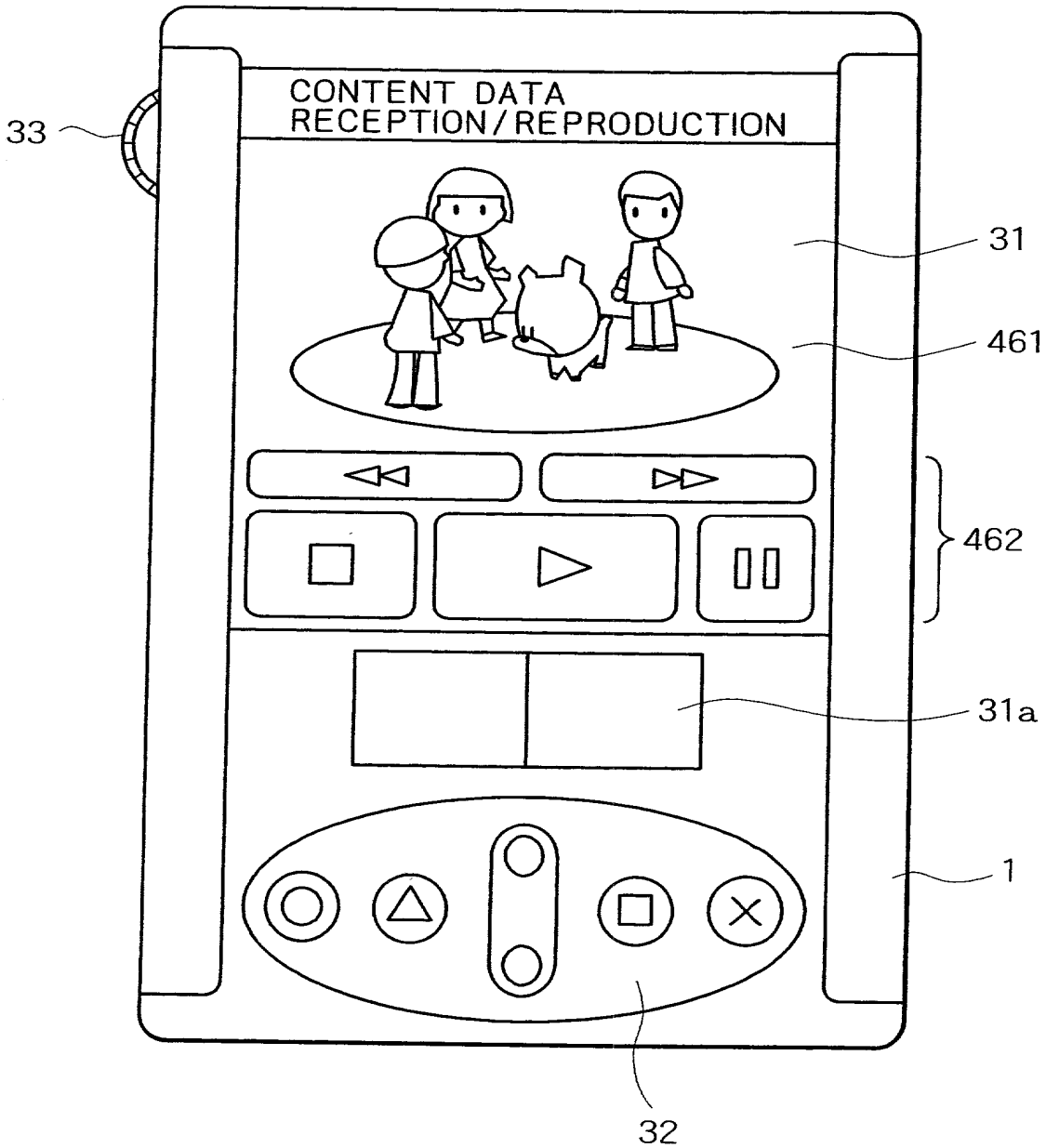
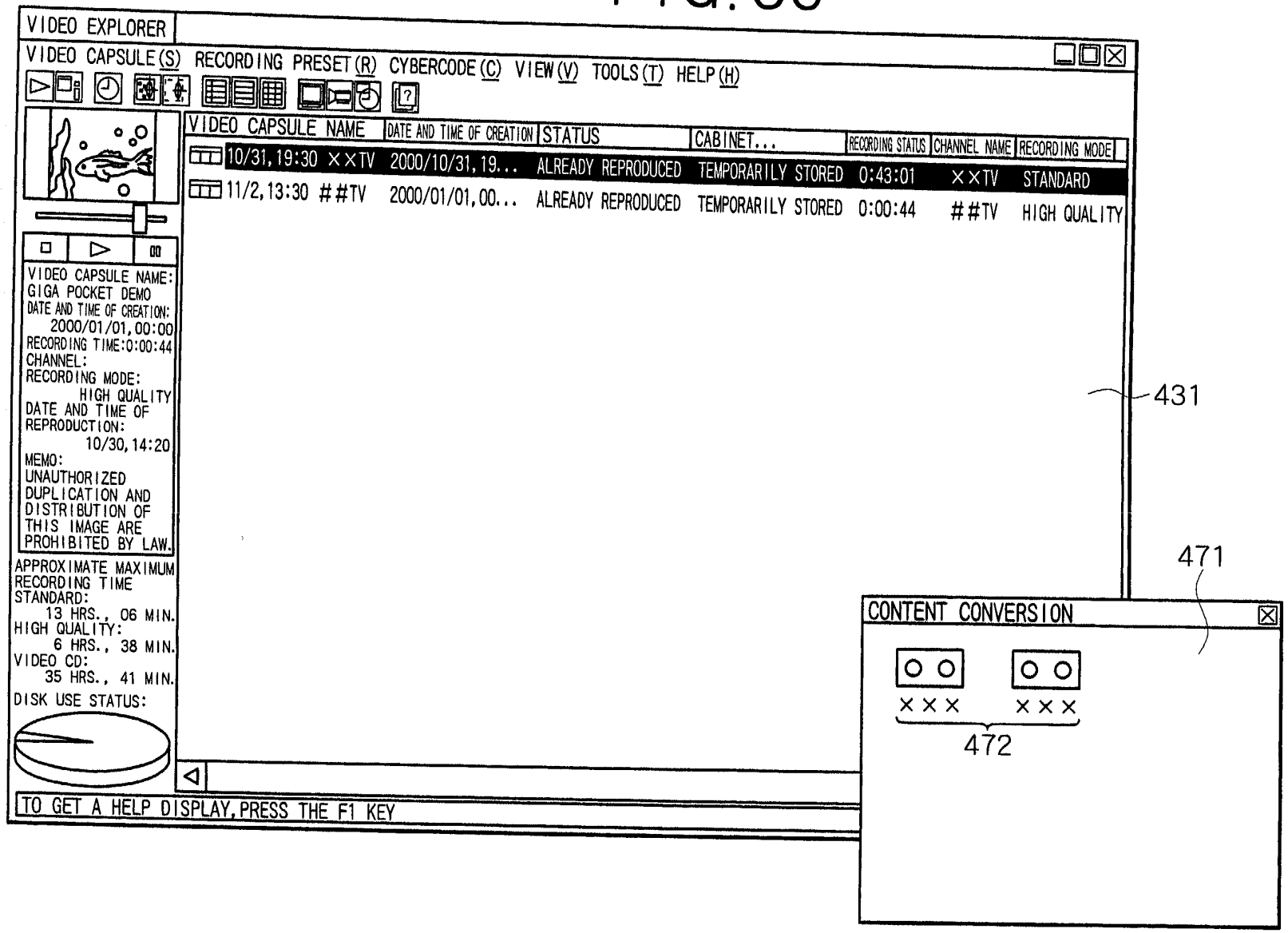


FIG. 56


VIDEO EXPLORER
VIDEO CAPSULE(S) RECORDING PRESET(R) CYBERCODE(C) VIEW(V) TOOLS(T) HELP(H)
VIDEO CAPSULE NAME
DATE AND TIME OF CREATION
STATUS
CABINET...
RECORDING STATUS
CHANNEL NAME
RECORDING MODE
10/31,19:30 ××TV 2000/10/31,19... ALREADY REPRODUCED TEMPORARILY STORED 0:43:01 ××TV STANDARD
11/2,13:30 ##TV 2000/01/01,00... ALREADY REPRODUCED TEMPORARILY STORED 0:00:44 ##TV HIGH QUALITY
VIDEO CAPSULE NAME:
GIGA POCKET DEMO
DATE AND TIME OF CREATION:
2000/01/01,00:00
RECORDING TIME:0:00:44
CHANNEL:
RECORDING MODE:
HIGH QUALITY
DATE AND TIME OF REPRODUCTION:
10/30,14:20
MEMO:
UNAUTHORIZED DUPLICATION AND DISTRIBUTION OF THIS IMAGE ARE PROHIBITED BY LAW.
APPROXIMATE MAXIMUM RECORDING TIME
STANDARD:
13 HRS., 06 MIN.
HIGH QUALITY:
6 HRS., 38 MIN.
VIDEO CD:
35 HRS., 41 MIN.
DISK USE STATUS:
TO GET A HELP DISPLAY, PRESS THE F1 KEY
431
471
CONTENT CONVERSION
×××
×××
472